

RENOLIT GORCELL PP-F

Core: 15 mm PP
Skin type: PP Film & Fleece
Skin thickness: 250 µm



CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness panel Spessore pannello Plattendicke	I-Q 10 A 15	mm	15 ± 0,4
Area weight Peso area Flächengewicht	STD 1076	g/m ²	1670 ±10%
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	≥ 0,7
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100

As we offer our clients the possibility to create a panel dedicated to their needs, the values stated are typical values referred to a customized composition.

Business Unit **RENOLIT COMPOSITES**

RENOLIT GOR S.p.A.
Headquarters of **RENOLIT COMPOSITES**
Via Pinerolo 7
10060 Buriasso | Italy
Phone: +39.0121.569.111
Fax: +39.0121.563.23
composites@renolit.com

www.renolit.com/composites



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RENOLIT GORCELL PP-F

Core: 20 mm PP
Skin type: PP Film & Fleece
Skin thickness: 250 µm



CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness panel Spessore pannello Plattendicke	I-Q 10 A 15	mm	20,0 ± 0,4
Area weight Peso area Flächengewicht	STD 1076	g/m ²	2170 ± 10%
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	≥ 0,7
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100

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RENOLIT GORCELL WS-A

Core: 20 mm PP
Skin type: **RENOLIT WOOD-STOCK + ALKORCELL White 42**
Skin thickness: 1,3 mm



Rely on it.

CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness Range Range Spessore Stärkenbereich	I-Q 10 A 15	mm	21,80
Appearance Density Densità apparente Raumgewicht/Dichte	STD 1076	g/cm ³	0,22
Area weight Peso area Flächengewicht	STD 1076	g/m ²	4686
Flexural Strenght Resistenza a flessione Biegesteifigkeit	Internal method n. 546859	N/mm ²	L. = 8,78 T. = 7,52
Flexural Modulus Modulo a flessione Biegemodul	Internal method n. 546859	N/mm ²	L. = 993 T. = 911
Charpy impact strength Resistenza all'urto Charpy Kerbschlagzähigkeit nach Charpy	Internal method n. 546860	KJ/m ²	L. = 10,64 T. = 21,71
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	0,91
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100

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RENOLIT GORCELL WS-A

Core: 20 mm PP
Skin type: **RENOLIT WOOD-STOCK + ALKORCELL Pine Taupe**
Skin thickness: 1,3 mm



Rely on it.

CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness Range Range Spessore Stärkenbereich	Internal method	mm	21,80
Appearance Density Densità apparente Raumgewicht/Dichte	Internal method	g/cm ³	0,22
Area weight Peso area Flächengewicht	Internal method	g/m ²	4686
Flexural Strength Resistenza a flessione Biegesteifigkeit	Internal method	N/mm ²	L. = 8,78 T. = 7,52
Flexural Modulus Modulo a flessione Biegemodul	Internal method n. 546859	N/mm ²	L. = 993 T. = 911
Charpy impact strength Resistenza all'urto Charpy Kerbschlagzähigkeit nach Charpy	FIAT n. 9,55360	KJ/m ²	L. = 10,64 T. = 21,71
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	0,91
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100

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ISO 9001:2015 - IATF 16949:2016 - ISO 14001:2015



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RENOLIT GORCELL PP

Core: 5 mm
Skin type: PP transparent
Skin thickness: 300 µm



CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness panel Spessore pannello Plattendicke	I-Q 10 A 15	mm	4,2 ± 0,4
Area weight Peso area Flächengewicht	STD 1076	g/m ²	1050 ± 105
Flexural strength Resistenza alla flessione Biegefestigkeit	I.M. n° 546859	MPa	L = 19,0 T = 13,0
Flexural modulus Modulo a flessione Biegemodul	I.M. n° 546859	MPa	L = 1300 T = 1250
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	0,8
Charpy impact strength Resistenza all'urto Charpy Kerbschlagzähigkeit nach Charpy	I.M. n° 546860	KJ/m ²	L = 13 T = 15
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100

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RENOLIT GORCELL WS

Core: 5 mm
Skin type: **RENOLIT WOOD-STOCK**
Skin thickness: 1,3 mm



CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness panel Spessore pannello Plattendicke	I-Q 10 A 15	mm	6,1
Area weight Peso area Flächengewicht	STD 1076	g/m ²	3350 ± 400
Flexural strength Resistenza alla flessione Biegefestigkeit	I.M. n° 546859	MPa	L = 23,0 T = 19,0
Flexural modulus Modulo a flessione Biegemodul	I.M. n° 546859	MPa	L = 2500 T = 2150
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	0,8
Charpy impact strength Resistenza all'urto Charpy Kerbschlagzähigkeit nach Charpy	I.M. n° 546860	KJ/m ²	L = 11 T = 15
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100
UV resistance Resistenza UV UV Beständigkeit	Time 500 h Power 500 W/m ² Filter 300 nm (simulates outside light at sea level) Temperature 65°C Cycle 8 hour of light and 16 hours of darkness	ISO 4892-2	No colour changing noticed
Wear resistance Resistenza all'usura Wasserbeständigkeit	Water jet 140 bar Room temperature 30 cycles of 5 min.	MIS 950M	No changes of the external surface
Ammonia vapors resistance Resistenza ai vapori di ammoniaca Ammoniakbeständigkeit	380h 30% conc.	MIS 950M	No changes of the external surface
Alkaline resistance Resistenza all'invecchiamento in ambiente basico Alkalienbeständigkeit		MIS 950M	No changes of the external surface

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RENOLIT GORCELL WS-F

Core: 5 mm
 Skin type: **RENOLIT WOOD-STOCK + Fleece**
 Skin thickness: 1,3 mm & 50 g/m²



CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness panel Spessore pannello Plattendicke	I-Q 10 A 15	mm	5,8
Area weight Peso area Flächengewicht	STD 1076	g/m ²	3450 ± 400
Flexural strength Resistenza alla flessione Biegefestigkeit	I.M. n° 546859	MPa	L. = 25,0 T. = 20,0
Flexural modulus Modulo a flessione Biegemodul	I.M. n° 546859	MPa	L. = 2850 T. = 2300
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	0,8
Charpy impact strength Resistenza all'urto Charpy Kerbschlagzähigkeit nach Charpy	I.M. n° 546860	KJ/m ²	L. = 12 T. = 24
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100
UV resistance Resistenza UV UV Beständigkeit	Time 500 h Power 500 W/m ² Filter 300 nm (simulates outside light at sea level) Temperature 65°C Cycle 8 hour of light and 16 hours of darkness	ISO 4892-2	No colour changing noticed
Wear resistance Resistenza all'usura Wasserbeständigkeit	Water jet 140 bar Room temperature 30 cycles of 5 min.	MIS 950M	No changes of the external surface
Ammonia vapors resistance Resistenza ai vapori di ammoniac Ammoniakbeständigkeit	380h 30% conc.	MIS 950M	No changes of the external surface
Alkaline resistance Resistenza all'invecchiamento in ambiente basico Alkalienbeständigkeit		MIS 950M	No changes of the external surface

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RENOLIT GORCELL PP

Core: 10 mm
Skin type: PP
Skin thickness: 300 µm



CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness panel Spessore pannello Plattendicke	I-Q 10 A 15	mm	9,8
Area weight Peso area Flächengewicht	STD 1076	g/m ²	1500 ± 150
Flexural modulus Modulo a flessione Biegemodul	I.M. n° 546859	MPa	L = 300 T = 250
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	0,8
Charpy impact strength Resistenza all'urto Charpy Kerbschlagzähigkeit nach Charpy	I.M. n° 546860	KJ/m ²	L. No break at 15 J T. No break at 15 J
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100

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RENOLIT GORCELL T

Core: 10 mm
Skin type: **RENOLIT TECNOGOR Type A**
Skin thickness: 1,3 mm



CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness panel Spessore pannello Plattendicke	I-Q 10 A 15	mm	12,7
Area weight Peso area Flächengewicht	STD 1076	g/m ²	4300 ± 500
Flexural strength Resistenza alla flessione Biegefestigkeit	I.M. n° 546859	MPa	L. = 39,0 T. = 26,0
Flexural modulus Modulo a flessione Biegemodul	I.M. n° 546859	MPa	L. = 4600 T. = 2950
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	0,8
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100
UV resistance Resistenza UV UV Beständigkeit	Time 500 h Power 500 W/m ² Filter 300 nm (simulates outside light at sea level) Temperature 65°C Cycle 8 hour of light and 16 hours of darkness	ISO 4892-2	No colour changing noticed
Wear resistance Resistenza all'usura Wasserbeständigkeit	Water jet 140 bar Room temperature 30 cycles of 5 min.	MIS 950M	No changes of the external surface
Ammonia vapors resistance Resistenza ai vapori di ammoniaca Ammoniakbeständigkeit	380h 30% conc.	MIS 950M	No changes of the external surface
Alkaline resistance Resistenza all'invecchiamento in ambiente basico Alkalienbeständigkeit		MIS 950M	No changes of the external surface

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RENOLIT GORCELL T-F

Core: 10 mm
 Skin type: **RENOLIT TECNOGOR** Type B Et Fleece
 Skin thickness: 1,0 mm Et 80 g/m²



CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness panel Spessore pannello Plattendicke	I-Q 10 A 15	mm	11,8
Area weight Peso area Flächengewicht	STD 1076	g/m ²	3640 ± 450
Flexural strength Resistenza alla flessione Biegefestigkeit	I.M. n° 546859	MPa	L. = 24,0 T. = 15,0
Flexural modulus Modulo a flessione Biegemodul	I.M. n° 546859	MPa	L. = 2844 T. = 1419
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	0,8
Charpy impact strength Resistenza all'urto Charpy Kerbschlagzähigkeit nach Charpy	I.M. n° 546860	KJ/m ²	L. = 22 T. = 31
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100
UV resistance Resistenza UV UV Beständigkeit	Time 500 h Power 500 W/m ² Filter 300 nm (simulates outside light at sea level) Temperature 65°C Cycle 8 hour of light and 16 hours of darkness	ISO 4892-2	No colour changing noticed
Wear resistance Resistenza all'usura Wasserbeständigkeit	Water jet 140 bar Room temperature 30 cycles of 5 min.	MIS 950M	No changes of the external surface
Ammonia vapors resistance Resistenza ai vapori di ammoniaca Ammoniakbeständigkeit	380h 30% conc.	MIS 950M	No changes of the external surface
Alkaline resistance Resistenza all'invecchiamento in ambiente basico Alkalienbeständigkeit		MIS 950M	No changes of the external surface

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RENOLIT GORCELL WS

Core: 10 mm
Skin type: **RENOLIT WOOD-STOCK**
Skin thickness: 1,0 mm



CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness panel Spessore pannello Plattendicke	I-Q 10 A 15	mm	10,9
Area weight Peso area Flächengewicht	STD 1076	g/m ²	3160 ± 450
Flexural strength Resistenza alla flessione Biegefestigkeit	I.M. n° 546859	MPa	L = 13,0 T = 10,0
Flexural modulus Modulo a flessione Biegemodul	I.M. n° 546859	MPa	L = 1950 T = 1450
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	0,8
Charpy impact strength Resistenza all'urto Charpy Kerbschlagzähigkeit nach Charpy	I.M. n° 546860	KJ/m ²	L = 11 T = 13
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100
UV resistance Resistenza UV UV Beständigkeit	Time 500 h Power 500 W/m ² Filter 300 nm (simulates outside light at sea level) Temperature 65°C Cycle 8 hour of light and 16 hours of darkness	ISO 4892-2	No colour changing noticed
Wear resistance Resistenza all'usura Wasserbeständigkeit	Water jet 140 bar Room temperature 30 cycles of 5 min.	MIS 950M	No changes of the external surface
Ammonia vapors resistance Resistenza ai vapori di ammoniaca Ammoniakbeständigkeit	380h 30% conc.	MIS 950M	No changes of the external surface
Alkaline resistance Resistenza all'invecchiamento in ambiente basico Alkalienbeständigkeit		MIS 950M	No changes of the external surface

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RENOLIT GORCELL WS

Core: 10 mm
Skin type: **RENOLIT WOOD-STOCK**
Skin thickness: 1,3 mm



CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness panel Spessore pannello Plattendicke	I-Q 10 A 15	mm	11,3
Area weight Peso area Flächengewicht	STD 1076	g/m ²	3800 ± 500
Flexural strength Resistenza alla flessione Biegefestigkeit	I.M. n° 546859	MPa	L = 16,0 T = 14,0
Flexural modulus Modulo a flessione Biegemodul	I.M. n° 546859	MPa	L = 1700 T = 1600
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	0,8
Charpy impact strength Resistenza all'urto Charpy Kerbschlagzähigkeit nach Charpy	I.M. n° 546860	KJ/m ²	L = 12 T = 15
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100
UV resistance Resistenza UV UV Beständigkeit	Time 500 h Power 500 W/m ² Filter 300 nm (simulates outside light at sea level) Temperature 65°C Cycle 8 hour of light and 16 hours of darkness	ISO 4892-2	No colour changing noticed
Wear resistance Resistenza all'usura Wasserbeständigkeit	Water jet 140 bar Room temperature 30 cycles of 5 min.	MIS 950M	No changes of the external surface
Ammonia vapors resistance Resistenza ai vapori di ammoniac Ammoniakbeständigkeit	380h 30% conc.	MIS 950M	No changes of the external surface
Alkaline resistance Resistenza all'invecchiamento in ambiente basico Alkalienbeständigkeit		MIS 950M	No changes of the external surface

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RENOLIT GORCELL T

Core: 20 mm
Skin type: **RENOLIT TECNOGOR** Type A
Skin thickness: 1,3 mm



Rely on it.

CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness panel Spessore pannello Plattendicke	I-Q 10 A 15	mm	21,8
Area weight Peso area Flächengewicht	STD 1076	g/m ²	5200 ± 600
Flexural strength Resistenza alla flessione Biegefestigkeit	I.M. n° 546859	MPa	L = 17,0 T = 15,0
Flexural modulus Modulo a flessione Biegemodul	I.M. n° 546859	MPa	L = 2150 T = 1500
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	0,7
Charpy impact strength Resistenza all'urto Charpy Kerbschlagzähigkeit nach Charpy	I.M. n° 546860	KJ/m ²	L = 14 T = 23
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100
UV resistance Resistenza UV UV Beständigkeit	Time 500 h Power 500 W/m ² Filter 300 nm (simulates outside light at sea level) Temperature 65°C Cycle 8 hour of light and 16 hours of darkness	ISO 4892-2	No colour changing noticed
Wear resistance Resistenza all'usura Wasserbeständigkeit	Water jet 140 bar Room temperature 30 cycles of 5 min.	MIS 950M	No changes of the external surface
Ammonia vapors resistance Resistenza ai vapori di ammoniac Ammoniakbeständigkeit	380h 30% conc.	MIS 950M	No changes of the external surface
Alkaline resistance Resistenza all'invecchiamento in ambiente basico Alkalienbeständigkeit		MIS 950M	No changes of the external surface

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Business Unit **RENOLIT COMPOSITES**

RENOLIT GOR S.p.A.
Headquarters of **RENOLIT COMPOSITES**
Via Pinerolo 7
10060 Buriasso | Italy
Phone: +39.0121.569.111
Fax: +39.0121.563.23
composites@renolit.com

www.renolit.com/composites



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RENOLIT GORCELL T-F

Core: 20 mm
Skin type: **RENOLIT TECNOGOR** Type B
Skin thickness: 1,3 mm



CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness panel Spessore pannello Plattendicke	I-Q 10 A 15	mm	22,0
Area weight Peso area Flächengewicht	STD 1076	g/m ²	5320 ± 550
Flexural strength Resistenza alla flessione Biegefestigkeit	I.M. n° 546859	MPa	L. = 14,0 T. = 9,0
Flexural modulus Modulo a flessione Biegemodul	I.M. n° 546859	MPa	L. = 1603 T. = 1104
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	0,7
Charpy impact strength Resistenza all'urto Charpy Kerbschlagzähigkeit nach Charpy	I.M. n° 546860	KJ/m ²	L. = 22 T. = 23
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100

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RENOLIT GORCELL WS

Core: 20 mm
Skin type: **RENOLIT WOOD-STOCK**
Skin thickness: 1,0 mm



CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness panel Spessore pannello Plattendicke	I-Q 10 A 15	mm	21,1
Area weight Peso area Flächengewicht	STD 1076	g/m ²	4060 ± 500
Flexural strength Resistenza alla flessione Biegefestigkeit	I.M. n° 546859	MPa	L = 9,0 T = 8,0
Flexural modulus Modulo a flessione Biegemodul	I.M. n° 546859	MPa	L = 1150 T = 950
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	0,7
Charpy impact strength Resistenza all'urto Charpy Kerbschlagzähigkeit nach Charpy	I.M. n° 546860	KJ/m ²	L = 13 T = 23
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100
UV resistance Resistenza UV UV Beständigkeit	Time 500 h Power 500 W/m ² Filter 300 nm (simulates outside light at sea level) Temperature 65°C Cycle 8 hour of light and 16 hours of darkness	ISO 4892-2	No colour changing noticed
Wear resistance Resistenza all'usura Wasserbeständigkeit	Water jet 140 bar Room temperature 30 cycles of 5 min.	MIS 950M	No changes of the external surface
Ammonia vapors resistance Resistenza ai vapori di ammoniac Ammoniakbeständigkeit	380h 30% conc.	MIS 950M	No changes of the external surface
Alkaline resistance Resistenza all'invecchiamento in ambiente basico Alkalienbeständigkeit		MIS 950M	No changes of the external surface

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RENOLIT GORCELL WS

Core: 20 mm
Skin type: **RENOLIT WOOD-STOCK**
Skin thickness: 1,3 mm



CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness panel Spessore pannello Plattendicke	I-Q 10 A 15	mm	20,9
Area weight Peso area Flächengewicht	STD 1076	g/m ²	4700 ± 550
Flexural strength Resistenza alla flessione Biegefestigkeit	I.M. n° 546859	MPa	L = 9,0 T = 8,0
Flexural modulus Modulo a flessione Biegemodul	I.M. n° 546859	MPa	L = 1000 T = 950
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	0,7
Charpy impact strength Resistenza all'urto Charpy Kerbschlagzähigkeit nach Charpy	I.M. n° 546860	KJ/m ²	L = 15 T = 23
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100
UV resistance Resistenza UV UV Beständigkeit	Time 500 h Power 500 W/m ² Filter 300 nm (simulates outside light at sea level) Temperature 65°C Cycle 8 hour of light and 16 hours of darkness	ISO 4892-2	No colour changing noticed
Wear resistance Resistenza all'usura Wasserbeständigkeit	Water jet 140 bar Room temperature 30 cycles of 5 min.	MIS 950M	No changes of the external surface
Ammonia vapors resistance Resistenza ai vapori di ammoniac Ammoniakbeständigkeit	380h 30% conc.	MIS 950M	No changes of the external surface
Alkaline resistance Resistenza all'invecchiamento in ambiente basico Alkalienbeständigkeit		MIS 950M	No changes of the external surface

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RENOLIT GORCELL WS-F

Core: 20 mm
 Skin type: **RENOLIT WOOD-STOCK** & Fleece
 Skin thickness: 1,3 mm & 50 g/m²



CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness panel Spessore pannello Plattendicke	I-Q 10 A 15	mm	21,9
Area weight Peso area Flächengewicht	STD 1076	g/m ²	4800 ± 550
Flexural strength Resistenza alla flessione Biegefestigkeit	I.M. n° 546859	MPa	L = 9,0 T = 6,0
Flexural modulus Modulo a flessione Biegemodul	I.M. n° 546859	MPa	L = 1050 T = 800
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	0,7
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100
UV resistance Resistenza UV UV Beständigkeit	Time 500 h Power 500 W/m ² Filter 300 nm (simulates outside light at sea level) Temperature 65°C Cycle 8 hour of light and 16 hours of darkness	ISO 4892-2	No colour changing noticed
Wear resistance Resistenza all'usura Wasserbeständigkeit	Water jet 140 bar Room temperature 30 cycles of 5 min.	MIS 950M	No changes of the external surface
Ammonia vapors resistance Resistenza ai vapori di ammoniaca Ammoniakbeständigkeit	380h 30% conc.	MIS 950M	No changes of the external surface
Alkaline resistance Resistenza all'invecchiamento in ambiente basico Alkalienbeständigkeit		MIS 950M	No changes of the external surface

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RENOLIT GORCELL WS-A

Core: 15 mm
 Skin type: **RENOLIT WOOD-STOCK & ALKORCELL**
 Skin thickness: 1,3 mm



CHARACTERISTIC CARATTERISTICA CHARAKTERISTIKA	METHOD METODO METHODE	UNIT UNITÀ EINHEIT	VALUE VALORE WERT
Thickness panel Spessore pannello Plattendicke	I-Q 10 A 15	mm	15,0
Area weight Peso area Flächengewicht	STD 1076	g/m ²	4200 ± 500
Flexural strength Resistenza alla flessione Biegefestigkeit	I.M. n° 546859	MPa	L = 12,0 T = 10,0
Flexural modulus Modulo a flessione Biegemodul	I.M. n° 546859	MPa	L = 1350 T = 1150
Compressive strength Resistenza alla compressione Druckfestigkeit	ASTM C/365-03	MPa	0,7
Charpy impact strength Resistenza all'urto Charpy Kerbschlagzähigkeit nach Charpy	I.M. n° 546860	KJ/m ²	L = 11 T = 23
Flammability Velocità di combustione Brennverhalten	MVSS 302	mm/min	≤ 100
UV resistance Resistenza UV UV Beständigkeit	Time 500 h Power 500 W/m ² Filter 300 nm (simulates outside light at sea level) Temperature 65°C Cycle 8 hour of light and 16 hours of darkness	ISO 4892-2	No colour changing noticed
Wear resistance Resistenza all'usura Wasserbeständigkeit	Water jet 140 bar Room temperature 30 cycles of 5 min.	MIS 950M	No changes of the external surface
Ammonia vapors resistance Resistenza ai vapori di ammoniac Ammoniakbeständigkeit	380h 30% conc.	MIS 950M	No changes of the external surface
Alkaline resistance Resistenza all'invecchiamento in ambiente basico Alkalienbeständigkeit		MIS 950M	No changes of the external surface

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