

POLYDET® Standard Plus



UV-/Wheatering Resistance	conditionally
Composition	tissue, chopped strand mat, UP-resin
Thickness	0,8 – 3,0 mm
Width	up to 3.300 mm
Length	80 m, 120 m, 240 m
Colour	RAL, NCS, customer-specific
Surface Protection	one-sided protection film
Bonding Preparation	one-sided corona or film treatment
Paintable	not recommended, only with pretreatment

Product Description

- fibre glass reinforced composite in coils and sheets
- with additional tissue to cover fibre print
- for interior applications

Technical Data

				Unit	Norm
Thickness	1.0	1.2	1.5	mm	
Physical Properties					
Density	1.38	1.39	1.36	g/cm ³	ISO 1183-1A
Glass Content	24	25	24	%	ISO 1172
Water Absorption	0.3	0.3	0.3	%	ISO 62
Volatile Conent	0.5	0.6	0.5	%	ASTM D3530
Mass per Unit Area	1.38	1.67	2.04	kg/m ²	
Mechanical Properties					
Flexural Strength	164	195	165	N/mm ²	ISO 14125
Flexural Modulus	2,800	4,200	3,300	N/mm ²	ISO 14125
Flexural Strain	4.4	5.3	4.1	%	ISO 14125
Tensile Strength	93	78	83	N/mm ²	ISO 527-4
Tensile Modulus	6,000	5,700	6,000	N/mm ²	ISO 527-4
Elongation at Break	2.0	2.0	2.1	%	ISO 527-4
Impact Strength	41	41	34	N/mm ²	ISO 179-1/2n
Penetration Test	5	6	8	Nm	ISO 6603-2

The indicated values are the result of measurements done on samples from the above-mentioned productions. Consequently, they do not represent any specification.