

POLYDET® DecoLine



UV-/Weathering Resistance	conditionally
Composition	chopped strand mat, UP-resin, décor layer
Thickness	1.0 – 3.0 mm, andere Dicken auf Anfrage
Width	up to 2,450 mm
Length	60 m, sheets on request
Colour	customer-specific décor design
Bonding preparation	one-sided corona or film treatment

Product Description

- fibre-reinforced thermosetting plastic (GF-UP)
- high-grade individually selectable decor surface
- formaldehyde-free composite material
- for interior applications

Technical Data

		Unit	Norm
Thickness	1.5	mm	
Physical Properties			
Density	1.38	g/cm ³	ISO 1183-1A
Glass Content	23	%	ISO 1172
Water Absorption	0.6	%	ISO 62
Volatile Content	0.5	%	ASTM D3530
Mass per Unit Area	2.07	kg/m ²	
Mechanical Properties			
Flexural Strength	160	N/mm ²	ISO 14125
Flexural Modulus	4100	N/mm ²	ISO 14125
Flexural Strain	3.9	%	ISO 14125
Tensile Strength	76	N/mm ²	ISO 527-4
Tensile Modulus	6700	N/mm ²	ISO 527-4
Elongation at Break	1.2	%	ISO 527-4
Impact Strength	32	N/mm ²	ISO 179-1/2n
Penetration Test	6.5	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.