

STANDARD LAMINATING FOILS

CHARACTERISTICS	STANDARDS	VALUE / UNIT	SPECIFIED VALUE
Thickness	DIN 53370 / ISO 4593	µm	150 – 800
Density	DIN EN ISO 1183-2	g/cm ³	1,33 ± 0,02
Impact strength, min.	DIN EN ISO 8256 Measured in the longitudinal direction	kJ/m ²	≥ 450
Softening point	DIN EN ISO 306 Method B / 50	°C	74 ± 2
Cold break temperature	DIN EN 1876-2 Falling hammer method	°C	-15
Surface reflexion, 85°	DIN 67530 Measuring angle 85°	GE	20 – 30
Fire classification	DIN 4102 part B1	–	not fulfilled



LAMINATING FOILS B1 ACCORDING TO DIN 4102 PART B1

CHARACTERISTICS	STANDARDS	VALUE / UNIT	SPECIFIED VALUE
Thickness	DIN 53370 / ISO 4593	µm	260 – 319
Density	DIN EN ISO 1183-2	g/cm ³	1,39 – 1,43
Impact strength, min.	DIN EN ISO 8256 Measured in the longitudinal direction	kJ/m ²	450
Softening point	DIN EN ISO 306 Method B / 50	°C	72 – 76
Cold break temperature	DIN EN 1876-2 Falling hammer method	°C	-15
Surface reflexion, 85°	DIN 67530 Measuring angle 85°	GE	70
Fire classification	DIN 4102 part B1	Standard is fulfilled	–



POLYESTERFOILS

CHARACTERISTICS	STANDARDS	VALUE / UNIT	SPECIFIED VALUE
Thickness	ASTM-D374	µm	250
Softening point	–	°C	87
Light transmission	ASTM-D-1003	%	93
Melting temperature	DSC	°C	255
Puncture tension	ASTM-D-149-81	kV/mm	22

