

TECHNICAL DATA SHEET

ROMILOY[®] 5240 GF30

ROMIRA

PBT/ASA, injection moulding grade, 30% glass fibre reinforced, high dimensional stability, high surface quality

PROPERTY	Test Method	Condition	Unit	Value*
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MECHANICAL.....

Tensile Modulus	DIN EN ISO 527	1 mm/min 23 °C	MPa	8,700
Tensile Strength	DIN EN ISO 527	5 mm/min 23 °C	MPa	114
Elongation at Break	DIN EN ISO 527	5 mm/min 23 °C	%	6.4
Flexural Modulus	DIN EN ISO 178	2 mm/min 23 °C	MPa	7,600
Flexural Strength	DIN EN ISO 178	2 mm/min 23 °C	MPa	165
Notched Impact Strength (Charpy)	DIN EN ISO 179/1eA	80 x 10 x 4 mm 23 °C	kJ/m ²	-
Impact Strength (Charpy)	DIN EN ISO 179/1eU	80 x 10 x 4 mm 23 °C	kJ/m ²	55
Impact Strength (Charpy)	DIN EN ISO 179/1eU	80 x 10 x 4 mm -30 °C	kJ/m ²	48

PHYSICAL.....

Density	DIN EN ISO 1183	23 °C, 50 % RH	g/cm ³	1.46
Water Absorption	DIN EN ISO 62	23 °C, 50 % RH, 24 h	%	-

THERMAL.....

Heat deflection temperature (HDT/A)	DIN EN ISO 75-1	1,8 MPa	°C	-
Vicat Softening Temperature (B 50)	DIN EN ISO 306	50 N, 50 °C/h	°C	185
Melt Mass-Flow Rate (MFR)	DIN EN ISO 1133	260 °C, 5 kg	g/10 min	28
Processing Shrinkage	DIN EN ISO 294-4	23 °C	%	II 0.3 ± 0.9
Flammability (own test)	UL94	1.5 mm	--	HB