



creative thermoplastic compounds

PPH300J8

Release Date: 18/06/2009

40% Glass Fiber and Glass Beads Reinforced, High Stiffness Polypropylene for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.22
MOULD SHRINKAGE	%	ISO-2577	0.5-0.9
MFI	g/10min	ISO-1133 230/2.16	3
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	70
STRAIN @ BREAK	%	ISO-527	3
FLEXURAL STRENGTH	MPa	ISO-178	80
FLEXURAL MODULUS	MPa	ISO-178	4500
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	10
ROCKWELL HARDNESS		R scale	120
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	140
HDT AT LOAD 0.45 Mpa	°C	ISO-75	150
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	165
MAX TEMP CONTINUOUS USE	°C		110
MAX TEMP SHORT PEAKS OPERATION	°C		140

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