



creative thermoplastic compounds

PPH501G4

Release Date: 29/03/2012

Glass Fiber 20% Reinforced, Halogen Free, Flame Retardant Polypropylene for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.4
MOULD SHRINKAGE	%	ISO-2577	0.2-0.4
MFI	g/10min	ISO-1133 230/2.16	3
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	65
TENSILE MODULUS	MPa	ISO-527	4280
STRAIN @ BREAK	%	ISO-527	6
FLEXURAL STRENGTH	MPa	ISO-178	100
FLEXURAL MODULUS	MPa	ISO-178	3500
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	8
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	140
G.W.I.T.	°C	IEC 60695	850
UL FLAMMABILITY		UL-94 3mm	V-0
MELTING POINT	°C	ISO-11357	167

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