



creative thermoplastic compounds

PPH343T8

Release Date: 15/02/2013

40% Mineral Filled Polypropylene for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.25
MOULD SHRINKAGE	%	ISO-2577	0.8-1.2
MFI	g/10min	ISO-1133 230/2.16	7.5
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	27
TENSILE MODULUS	MPa	ISO-527	3600
STRAIN @ BREAK	%	ISO-527	5
FLEXURAL STRENGTH	MPa	ISO-178	50
FLEXURAL MODULUS	MPa	ISO-178	3800
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	15.5
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	85
HDT AT LOAD 0.45 Mpa	°C	ISO-75	142
FLAMMABILITY	mm/min	FMVSS302	22
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	168

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