



creative thermoplastic compounds

PPC364I6

Release Date: 15/02/2013

30% Mineral and Glass Fiber Reinforced, Heat Resistant Polypropylene for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.13
MOULD SHRINKAGE	%	ISO-2577	0.3-0.5
MFI	g/10min	ISO-1133 230/2.16	6
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	60
TENSILE MODULUS	MPa	ISO-527	5200
STRAIN @ BREAK	%	ISO-527	5
FLEXURAL STRENGTH	MPa	ISO-178	90
FLEXURAL MODULUS	MPa	ISO-178	3600
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	12
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	127
HDT AT LOAD 0.45 Mpa	°C	ISO-75	142
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	165

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