



creative thermoplastic compounds

RA353M8

Release Date: 02/02/2010

40% Mineral Filled Polyamide 6.6, to increase Dimensional Stability. for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.4
WATER ABSORPTION (SATURATION)	%	ISO-62	4.5
MOISTURE ABSORPTION 23° C, 50% RH (SATURATION)	%	ISO-62	2.1
MOULD SHRINKAGE	%	ISO-2577	0.5-1
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	75
STRAIN @ BREAK	%	ISO-527	5
FLEXURAL STRENGTH	MPa	ISO-178	145
FLEXURAL MODULUS	MPa	ISO-178	5100
NOTCHED IZOD IMPACT STRENGTH +23°C	KJ/m ²	ISO-180	6
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	200
HDT AT LOAD 0.45 Mpa	°C	ISO-75	235
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	256

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