



creative thermoplastic compounds

RF350M3

Release Date: 13/07/2003

Industrial Grade 15% Mineral Filled PBT for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.41
WATER ABSORPTION (SATURATION)	%	ISO-62	0.5
MOULD SHRINKAGE	%	ISO-2577	1.8
MFI	g/10min	ISO-1133 250/2.16	20
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	55
TENSILE MODULUS	MPa	ISO-527	2900
STRAIN @ BREAK	%	ISO-527	15
FLEXURAL STRENGTH	MPa	ISO-178	95
FLEXURAL MODULUS	MPa	ISO-178	3000
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	5.5
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	225
ELECTRICAL PROPERTIES	UNIT	TEST METHOD	VALUES
SURFACE RESISTANCE	Ohm	IEC 60093	3.6

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