



creative thermoplastic compounds

PM3007G6

Release Date: 03/04/2013

30% Glass Fiber Reinforced Polyacetal for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.61
MOULD SHRINKAGE	%	ISO-2577	0.3-0.7
MFI	g/10min	ISO-1133 190/2.16	7
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	120
STRAIN @ BREAK	%	ISO-527	2
FLEXURAL STRENGTH	MPa	ISO-178	250
FLEXURAL MODULUS	MPa	ISO-178	9000
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	9
ROCKWELL HARDNESS		R scale	99
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	130
HDT AT LOAD 0.45 Mpa	°C	ISO-75	165
FLAMMABILITY	mm/min	FMVSS302	40
UL FLAMMABILITY		UL-94 3mm	HB.
MELTING POINT	°C	ISO-11357	165
ELECTRICAL PROPERTIES	UNIT	TEST METHOD	VALUES
SURFACE RESISTANCE	Ohm	IEC 60093	10 ¹²
VOLUME RESISTANCE	Ohm x m	IEC 60093	10 ¹⁴
DIELECTRIC STRENGTH	kV/mm	IEC 60250	20

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