



creative thermoplastic compounds

PM3009G4

Release Date: 03/04/2013

20% Glass Fiber Reinforced Polyacetal for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.6
MOULD SHRINKAGE	%	ISO-2577	0.4-1
MFI	g/10min	ISO-1133 180/2.16	6
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	115
STRAIN @ BREAK	%	ISO-527	2.5
FLEXURAL STRENGTH	MPa	ISO-178	170
FLEXURAL MODULUS	MPa	ISO-178	5000
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	130
HDT AT LOAD 0.45 Mpa	°C	ISO-75	165
UL FLAMMABILITY		UL-94 3mm	H.B
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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