



creative thermoplastic compounds

PM3013G4

Release Date: 03/04/2013

20% Glass Fiber Reinforced Polyacetal for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.54
MOULD SHRINKAGE	%	ISO-2577	0.4-1
MFI	g/10min	ISO-1133 190/2.16	5
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	90
STRAIN @ BREAK	%	ISO-527	2.5
FLEXURAL STRENGTH	MPa	ISO-178	120
FLEXURAL MODULUS	MPa	ISO-178	3200
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	6.5
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
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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