



creative thermoplastic compounds

PM8103NT7

Release Date: 06/05/2014

Acetal Copolymer, Impact Modified, for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.37
MOULD SHRINKAGE	%	ISO-2577	1.25-1.66
MFI	g/10min	ISO-1133 190/2.16	3.5
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	50
TENSILE MODULUS	MPa	ISO-527	1670
STRAIN @ BREAK	%	ISO-527	12
FLEXURAL STRENGTH	MPa	ISO-178	55
FLEXURAL MODULUS	MPa	ISO-178	1600
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	15.5
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	70
HDT AT LOAD 0.45 Mpa	°C	ISO-75	115
FLAMMABILITY	mm/min	FMVSS302	15 @2mm
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	166

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