



creative thermoplastic compounds

RA300G3

Release Date: 22/01/2013

15% Glass Fiber Reinforced Polyamide 6.6 for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.23
WATER ABSORPTION (SATURATION)	%	ISO-62	0.9
MOULD SHRINKAGE	%	ISO-2577	0.4-0.5
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	>100
STRAIN @ BREAK	%	ISO-527	3
FLEXURAL STRENGTH	MPa	ISO-178	>155
FLEXURAL MODULUS	MPa	ISO-178	>4000
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	>4.5
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	>180
HDT AT LOAD 0.45 Mpa	°C	ISO-75	>200
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	256

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