



creative thermoplastic compounds

RD302G6

Release Date: 09/01/2004

30% Glass Fiber Reinforced Polyamide 12 for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.35
WATER ABSORPTION (SATURATION)	%	ISO-62	1.2
MOULD SHRINKAGE	%	ISO-2577	0.16
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	130
TENSILE MODULUS	MPa	ISO-527	7500
STRAIN @ BREAK	%	ISO-527	4
FLEXURAL STRENGTH	MPa	ISO-178	150
FLEXURAL MODULUS	MPa	ISO-178	6000
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	165
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	165-175

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