



creative thermoplastic compounds

PB351I6

Release Date: 18/12/2012

30% Glass Fiber and Mineral Reinforced Polyamide 6 for Injection Moulding applications.
ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.65
MOULD SHRINKAGE	%	ISO-2577	0.3-0.7
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	70
TENSILE MODULUS	MPa	ISO-527	3400
STRAIN @ BREAK	%	ISO-527	2.5
FLEXURAL STRENGTH	MPa	ISO-178	105
FLEXURAL MODULUS	MPa	ISO-178	3800
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	5
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
UL FLAMMABILITY		UL-94 3mm	V-0
MELTING POINT	°C	ISO-11357	218

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