



creative thermoplastic compounds

PPC301G2

Release Date: 15/05/2003

10% Glass Fiber Reinforced Polypropylene Copolymer for Injection Moulding applications.
ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	0.97
MOULD SHRINKAGE	%	ISO-2577	0.5-0.7
MFI	g/10min	ISO-1133 230/2.16	4
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	45
STRAIN @ BREAK	%	ISO-527	3
FLEXURAL STRENGTH	MPa	ISO-178	50
FLEXURAL MODULUS	MPa	ISO-178	1200
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	12
ROCKWELL HARDNESS		R scale	105
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	125
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	165

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