



creative thermoplastic compounds

PPH308G6

Release Date: 15/03/2010

30% Glass Fiber Reinforced, Heat Stabilized, Impact Modified Polypropylene for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.11
MOULD SHRINKAGE	%	ISO-2577	0.1-0.4
MFI	g/10min	ISO-1133 230/2.16	4
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	95
TENSILE MODULUS	MPa	ISO-527	6000
STRAIN @ BREAK	%	ISO-527	5
FLEXURAL STRENGTH	MPa	ISO-178	115
FLEXURAL MODULUS	MPa	ISO-178	5900
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	14
UN NOTCHED CHARPY IMPACT STRENGTH +23°C	Kj/m ²	ISO-179	75
ROCKWELL HARDNESS		R scale	115
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	145
HDT AT LOAD 0.45 Mpa	°C	ISO-75	153
FLAMMABILITY	mm/min	FMVSS302	40
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	165
MAX TEMP CONTINUOUS USE	°C		110
MAX TEMP SHORT PEAKS OPERATION	°C		140

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