



creative thermoplastic compounds

PPH106

Release Date: 15/05/2003

Polypropylene with Molibdenum for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	0.93
MOULD SHRINKAGE	%	ISO-2577	1.4-1.6
MFI	g/10min	ISO-1133 230/2.16	12
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	40
STRAIN @ BREAK	%	ISO-527	80
FLEXURAL STRENGTH	MPa	ISO-178	45
FLEXURAL MODULUS	MPa	ISO-178	1500
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	2.5
ROCKWELL HARDNESS	R scale		95
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	68
HDT AT LOAD 0.45 Mpa	°C	ISO-75	105
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	165

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