



creative thermoplastic compounds

PPH106

Release Date: 15/05/2003

Polypropylene with Molibdenium 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

The information contained in this website is supplied in good faith. However, it is given purely as an indication. It shall not be construed in any way as formal commitment or warranty on our part. Notably in respect of the eventual infringement of any rights of third parties who may use our products. We remain at your entire disposal for any further information that you may require.