



creative thermoplastic compounds

RA846

Release Date: 31/03/2013

Impact Modified and Heat Stabilized Polyamide 6.6 for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.09
WATER ABSORPTION (SATURATION)	%	ISO-62	6
MOISTURE ABSORPTION 23° C, 50% RH (SATURATION)	%	ISO-62	2.1
MOULD SHRINKAGE	%	ISO-2577	1.5-1.9
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	60
STRAIN @ BREAK	%	ISO-527	25
FLEXURAL STRENGTH	MPa	ISO-178	105
FLEXURAL MODULUS	MPa	ISO-178	2400
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	15
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	65
HDT AT LOAD 0.45 Mpa	°C	ISO-75	120
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	256
ELECTRICAL PROPERTIES	UNIT	TEST METHOD	VALUES
SURFACE RESISTANCE	Ohm	IEC 60093	10 ¹²
VOLUME RESISTANCE	Ohm x m	IEC 60093	10 ¹⁴

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.