



creative thermoplastic compounds

RA502

Release Date: 21/05/2003

Polyamide 6.6, Flame Retardant for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.18
WATER ABSORPTION (SATURATION)	%	ISO-62	0.9
MOULD SHRINKAGE	%	ISO-2577	1-1.5
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	>80
STRAIN @ BREAK	%	ISO-527	>10
FLEXURAL STRENGTH	MPa	ISO-178	>115
FLEXURAL MODULUS	MPa	ISO-178	>2600
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	>4
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	>90
HDT AT LOAD 0.45 Mpa	°C	ISO-75	>180
G.W.F.I	°C	IEC 60695	850
MELTING POINT	°C	ISO-11357	256

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.