



creative thermoplastic compounds

PF801

Release Date: 24/04/2008

High Impact Modified PBT for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.22
MOULD SHRINKAGE	%	ISO-2577	1.6-1.9
MFI	g/10min	ISO-1133 250/2.16	15
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	30
TENSILE MODULUS	MPa	ISO-527	2000
STRAIN @ BREAK	%	ISO-527	60
FLEXURAL STRENGTH	MPa	ISO-178	75
FLEXURAL MODULUS	MPa	ISO-178	2100
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	60
NOTCHED IZOD IMPACT STRENGTH -30°C	Kj/m ²	ISO-180	20
NOTCHED CHARPY IMPACT STRENGTH +23°C	Kj/m ²	ISO-179	70
NOTCHED CHARPY IMPACT STRENGTH -30°C	Kj/m ²	ISO-179	25
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	55
HDT AT LOAD 0.45 Mpa	°C	ISO-75	100
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	225
ELECTRICAL PROPERTIES	UNIT	TEST METHOD	VALUES
VOLUME RESISTANCE	Ohm x m	IEC 60093	10 ¹³
DIELECTRIC STRENGTH	kV/mm	IEC 60250	30

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.