



creative thermoplastic compounds

PBB101

Release Date: 06/04/2013

PC/ABS Alloy for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.13
MOULD SHRINKAGE	%	ISO-2577	0.4-0.7
MFI	g/10min	ISO-1133 240/5	18
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	50
STRAIN @ BREAK	%	ISO-527	>30
FLEXURAL STRENGTH	MPa	ISO-178	90
FLEXURAL MODULUS	MPa	ISO-178	2300
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	45
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	100
HDT AT LOAD 0.45 Mpa	°C	ISO-75	120
UL FLAMMABILITY		UL-94 3mm	H.B.
ELECTRICAL PROPERTIES	UNIT	TEST METHOD	VALUES
SURFACE RESISTANCE	Ohm	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.