



creative thermoplastic compounds

PBB106

Release Date: 06/04/2013

UV Stabilized 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 300/1.2	45
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	50
TENSILE MODULUS	MPa	ISO-527	2300
STRAIN @ BREAK	%	ISO-527	>30
FLEXURAL STRENGTH	MPa	ISO-178	80
FLEXURAL MODULUS	MPa	ISO-178	2200
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	35
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
VICAT SOFTENING POINT	°C	ISO-306	120
UL FLAMMABILITY		UL-94 3mm	H.B.
ELECTRICAL PROPERTIES	UNIT	TEST METHOD	VALUES
SURFACE RESISTANCE	Ohm	IEC 60093	>10 ¹⁴

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