



creative thermoplastic compounds

PVB702

Release Date: 20/07/2006

Impact Modified, UV Stabilized PA/ABS Alloy for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.06
MOISTURE ABSORPTION 23° C, 50% RH (SATURATION)	%	ISO-62	1.35
MOULD SHRINKAGE	%	ISO-2577	0.8-1
MFI	g/10min	ISO-1133 250/5	20
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	35
TENSILE MODULUS	MPa	ISO-527	1700
STRAIN @ BREAK	%	ISO-527	30
FLEXURAL STRENGTH	MPa	ISO-178	60
FLEXURAL MODULUS	MPa	ISO-178	1480
NOTCHED IZOD IMPACT STRENGTH +23°C	KJ/m ²	ISO-180	60
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	60
HDT AT LOAD 0.45 Mpa	°C	ISO-75	80
UL FLAMMABILITY		UL-94 3mm	H.B.
ELECTRICAL PROPERTIES	UNIT	TEST METHOD	VALUES
SURFACE RESISTANCE	Ohm	IEC 60093	10 ¹⁴
VOLUME RESISTANCE	Ohm x m	IEC 60093	10 ¹³
DIELECTRIC CONSTANT AT 1MHZ	kV/mm	IEC 60250	3

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