



creative thermoplastic compounds

PVB101

Release Date: 09/07/2003

Impact modified ABS/Nylon Alloy for Injection Moulding.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.06
MOULD SHRINKAGE	%	ISO-2577	0.8-1
MFI	g/10min	ISO-1133 240/5	5
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	40
TENSILE MODULUS	MPa	ISO-527	1250
STRAIN @ BREAK	%	ISO-527	200
FLEXURAL STRENGTH	MPa	ISO-178	60
FLEXURAL MODULUS	MPa	ISO-178	1400
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	55
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	70
HDT AT LOAD 0.45 Mpa	°C	ISO-75	80
UL FLAMMABILITY		UL-94 3mm	HB

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