



creative thermoplastic compounds

PV111

Release Date: 21/09/2008

General Purpose ABS for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.35
MOULD SHRINKAGE	%	ISO-2577	0.3-0.6
MFI	g/10min	ISO-1133 220/10	20
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	45
TENSILE MODULUS	MPa	ISO-527	1800
STRAIN @ BREAK	%	ISO-527	7
FLEXURAL STRENGTH	MPa	ISO-178	76
FLEXURAL MODULUS	MPa	ISO-178	2100
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	25
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	80
HDT AT LOAD 0.45 Mpa	°C	ISO-75	90
UL FLAMMABILITY		UL-94 3mm	H.B.

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