



creative thermoplastic compounds

PV701

Release Date: 06/08/2003

UV Stabilized ABS for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.04
WATER ABSORPTION (SATURATION)	%	ISO-62	0.3
MOULD SHRINKAGE	%	ISO-2577	0.4
MFI	g/10min	ISO-1133 220/10	22
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	45
TENSILE MODULUS	MPa	ISO-527	2150
STRAIN @ BREAK	%	ISO-527	35
FLEXURAL STRENGTH	MPa	ISO-178	65
FLEXURAL MODULUS	MPa	ISO-178	200
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	84
VICAT SOFTENING POINT	°C	ISO-306	98
UL FLAMMABILITY		UL-94 3mm	H.B.

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