



creative thermoplastic compounds

## PV1003

Release Date: 12/06/2003

**General Purpose ABS for Injection Moulding applications.**

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
WATER ABSORPTION (SATURATION)	%	ISO-62	0.3
MOULD SHRINKAGE	%	ISO-2577	0.4
MFI	g/10min	ISO-1133 220/10	30
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	34
TENSILE MODULUS	MPa	ISO-527	2000
STRAIN @ BREAK	%	ISO-527	20
FLEXURAL MODULUS	MPa	ISO-178	2200
NOTCHED IZOD IMPACT STRENGTH +23°C	KJ/m <sup>2</sup>	ISO-180	22
ROCKWELL HARDNESS		R scale	119
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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