



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 ²	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.

The information contained in this website is supplied in good faith. However, it is given purely as an indication. It shall not be construed in any way as formal commitment or warranty on our part. Notably in respect of the eventual infringement of any rights of third parties who may use our products. We remain at your entire disposal for any further information that you may require.