



creative thermoplastic compounds

PV300G6

Release Date: 20/05/2003

30% Glass Fiber Reinforced, Heat Resistance and minimal Mould Shrinkage ABS for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.28
WATER ABSORPTION (SATURATION)	%	ISO-62	0.12
MOULD SHRINKAGE	%	ISO-2577	0.1-0.2
MFI	g/10min	ISO-1133 300/1.2	8
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	90
STRAIN @ BREAK	%	ISO-527	3
FLEXURAL STRENGTH	MPa	ISO-178	115
FLEXURAL MODULUS	MPa	ISO-178	8000
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	8
ROCKWELL HARDNESS		R scale	115
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	101
UL FLAMMABILITY		UL-94 3mm	H.B.
ELECTRICAL PROPERTIES	UNIT	TEST METHOD	VALUES
SURFACE RESISTANCE	Ohm	IEC 60093	10 ¹⁴
VOLUME RESISTANCE	Ohm x m	IEC 60093	10 ¹⁶

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