



creative thermoplastic compounds

PW311G4

Release Date: 07/04/2005

20% Glass Fiber Reinforced SAN for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.2
WATER ABSORPTION (SATURATION)	%	ISO-62	0.1
MOULD SHRINKAGE	%	ISO-2577	0.2
MFI	g/10min	ISO-1133 220/10	8
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	100
TENSILE MODULUS	MPa	ISO-527	7000
STRAIN @ BREAK	%	ISO-527	2
FLEXURAL STRENGTH	MPa	ISO-178	200
FLEXURAL MODULUS	MPa	ISO-178	5200
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	8
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
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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