



creative thermoplastic compounds

PW310G13

Release Date: 15/06/2003

13% Glass Fiber Reinforced SAN for low warpage and high rigidity Injection Moulding applications.

ASTM

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ASTM-D792	1.14
WATER ABSORPTION (SATURATION)	%	ASTM-D570	0.1
MOULD SHRINKAGE	%	--	0.2
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ASTM-D638	90
STRAIN @ BREAK	%	ASTM-D638	2.5
FLEXURAL STRENGTH	MPa	ASTM-D790	140
FLEXURAL MODULUS	MPa	ASTM-D790	5000
NOTCHED IZOD IMPACT STRENGTH +23°C	J/m	ASTM-D256	75
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	Ohmxcn	IEC 60093	10 ¹⁶

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.