



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 <sup>3</sup>	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 <sup>14</sup>
VOLUME RESISTANCE	Ohm <sup>x</sup> cm	IEC 60093	10 <sup>16</sup>

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