



creative thermoplastic compounds

## PI300G6

Release Date: 20/05/2003

**30% Glass Fiber Reinforced, High Thermal Resistance, High UV and Radiation PVDF for Injection Moulding applications.**

### ASTM

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm <sup>3</sup>	ASTM-D792	1.95
WATER ABSORPTION (SATURATION)	%	ASTM-D570	>0.04
MOULD SHRINKAGE	%	--	0.3
MFI	g/10min	ASTM-D1238 230/5	7
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ASTM-D638	58
TENSILE MODULUS	MPa	ASTM-D638	1100
STRAIN @ BREAK	%	ASTM-D638	1.2
FLEXURAL STRENGTH	MPa	ASTM-D790	85
FLEXURAL MODULUS	MPa	ASTM-D790	6300
NOTCHED IZOD IMPACT STRENGTH +23°C	J/m	ASTM-D256	85
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ASTM D-648	170
MELTING POINT	°C	ASTM-D3417	175

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