



creative thermoplastic compounds

PA917G6

Release Date: 07/07/2003

30% Glass Fiber Reinforced PA66/Polypropylene Alloy with reduced Water Absorbtion, Dimention Stability and UV Stabilized for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.31
WATER ABSORPTION (SATURATION)	%	ISO-62	3
MOISTURE ABSORPTION 23° C, 50% RH (SATURATION)	%	ISO-62	1.2
MOULD SHRINKAGE	%	ISO-2577	0.3-0.5
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	145
STRAIN @ BREAK	%	ISO-527	3
FLEXURAL STRENGTH	MPa	ISO-178	195
FLEXURAL MODULUS	MPa	ISO-178	5700
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	13
ROCKWELL HARDNESS		R scale	121
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	256
MAX TEMP CONTINUOUS USE	°C		80
MAX TEMP SHORT PEAKS OPERATION	°C		150

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