



creative thermoplastic compounds

PA340S05

Release Date: 22/01/2013

5% Glass Beads Reinforced Polyamide 6.6, Heat Stabilized for Injection Moulding applications.
ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.19
WATER ABSORPTION (SATURATION)	%	ISO-62	7
MOISTURE ABSORPTION 23° C, 50% RH (SATURATION)	%	ISO-62	3.5
MOULD SHRINKAGE	%	ISO-2577	1.4-1.8
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	80
TENSILE MODULUS	MPa	ISO-527	2800
STRAIN @ BREAK	%	ISO-527	3-5
FLEXURAL STRENGTH	MPa	ISO-178	135
FLEXURAL MODULUS	MPa	ISO-178	3100
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	4.5
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	100
HDT AT LOAD 0.45 Mpa	°C	ISO-75	210
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	258
ELECTRICAL PROPERTIES	UNIT	TEST METHOD	VALUES
SURFACE RESISTANCE	Ohm	IEC 60093	10 ¹²
DIELECTRIC CONSTANT AT 1MHZ	kV/mm	IEC 60250	3.6

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