



creative thermoplastic compounds

PFS301G6

Release Date: 23/01/2006

30% Glass Fiber Reinforced ASA/PBT Alloy for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.48
MOULD SHRINKAGE	%	ISO-2577	0.16
MFI	g/10min	ISO-1133 275/2.16	15
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	130
TENSILE MODULUS	MPa	ISO-527	9800
STRAIN @ BREAK	%	ISO-527	3
FLEXURAL STRENGTH	MPa	ISO-178	190
FLEXURAL MODULUS	MPa	ISO-178	7000
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	10
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	170
HDT AT LOAD 0.45 Mpa	°C	ISO-75	205
FLAMMABILITY	mm/min	FMVSS302	13.30
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	220
ELECTRICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DIELECTRIC CONSTANT AT 1MHZ	kV/mm	IEC 60250	3.7

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