



creative thermoplastic compounds

PZF301G4

Release Date: 10/05/2007

20% Glass Fiber Reinforced, Impact Modified PC/PBT Alloy for Injection Moulding applications.
ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.4
MOULD SHRINKAGE	%	ISO-2577	0.3-0.5
MFI	g/10min	ISO-1133 275/2.16	15
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	100
TENSILE MODULUS	MPa	ISO-527	6600
STRAIN @ BREAK	%	ISO-527	2.5
FLEXURAL STRENGTH	MPa	ISO-178	120
FLEXURAL MODULUS	MPa	ISO-178	6800
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	10
NOTCHED IZOD IMPACT STRENGTH -30°C	Kj/m ²	ISO-180	8
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	135
HDT AT LOAD 0.45 Mpa	°C	ISO-75	195
G.W.F.I	°C	IEC 60695	850
UL FLAMMABILITY		UL-94 3mm	H.B.
ELECTRICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DIELECTRIC CONSTANT AT 1MHZ	kV/mm	IEC 60250	3.5

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