



creative thermoplastic compounds

## PZF101

Release Date: 11/02/2014

**PC/PBT Alloy for Injection Moulding applications, Low Temperature and Chemical Resistance. ISO**

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm <sup>3</sup>	ISO-1183	1.2
MOULD SHRINKAGE	%	ISO-2577	0.5-0.8
MFI	g/10min	ISO-1133 250/5	18
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	50
TENSILE MODULUS	MPa	ISO-527	1800
STRAIN @ BREAK	%	ISO-527	135
FLEXURAL STRENGTH	MPa	ISO-178	75
FLEXURAL MODULUS	MPa	ISO-178	1700
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m <sup>2</sup>	ISO-180	65
NOTCHED IZOD IMPACT STRENGTH -30°C	Kj/m <sup>2</sup>	ISO-180	55
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	90
HDT AT LOAD 0.45 Mpa	°C	ISO-75	115
FLAMMABILITY	mm/min	FMVSS302	10

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