



creative thermoplastic compounds

PPC361T4

Release Date: 15/02/2013

20% Mineral Filled, Heat Resistant Polypropylene for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.04
MOULD SHRINKAGE	%	ISO-2577	1-1.4
MFI	g/10min	ISO-1133 230/2.16	20
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	17
TENSILE MODULUS	MPa	ISO-527	2200
STRAIN @ BREAK	%	ISO-527	30
FLEXURAL STRENGTH	MPa	ISO-178	40
FLEXURAL MODULUS	MPa	ISO-178	1900
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	15
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	65
HDT AT LOAD 0.45 Mpa	°C	ISO-75	125
THERMAL CONDUCTIVITY	W/MxK	DIN-52612	140
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	165
MAX TEMP CONTINUOUS USE	°C		100
MAX TEMP SHORT PEAKS OPERATION	°C		140

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