



creative thermoplastic compounds

PPC350M6

Release Date: 04/10/2006

30% Mineral Filled, Heat Stabilized Polypropylene for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.8
MOULD SHRINKAGE	%	ISO-2577	1.1
MFI	g/10min	ISO-1133 230/2.16	9
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	20
TENSILE MODULUS	MPa	ISO-527	3000
STRAIN @ BREAK	%	ISO-527	25
FLEXURAL STRENGTH	MPa	ISO-178	40
FLEXURAL MODULUS	MPa	ISO-178	2300
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	5.5
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	120
VICAT SOFTENING POINT	°C	ISO-306	80
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	165
MAX TEMP CONTINUOUS USE	°C		110
MAX TEMP SHORT PEAKS OPERATION	°C		120

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