



creative thermoplastic compounds

PPH343T4BK11

Release Date: 15/02/2013

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

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.06
MOULD SHRINKAGE	%	ISO-2577	1-1.4
MFI	g/10min	ISO-1133 230/2.16	10
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	30
TENSILE MODULUS	MPa	ISO-527	2200
STRAIN @ BREAK	%	ISO-527	25
FLEXURAL STRENGTH	MPa	ISO-178	55
FLEXURAL MODULUS	MPa	ISO-178	2200
UN NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	51
NOTCHED CHARPY IMPACT STRENGTH +23°C	Kj/m ²	ISO-179	2.8
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	82
HDT AT LOAD 0.45 Mpa	°C	ISO-75	134
VICAT SOFTENING POINT	°C	ISO-306	154
FLAMMABILITY	mm/min	FMVSS302	22.1
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	168

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