



creative thermoplastic compounds

PPC104

Release Date: 12/10/2010

Heat Stabilized Polypropylene Copolymer for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	0.93
MOULD SHRINKAGE	%	ISO-2577	1.4-1.6
MFI	g/10min	ISO-1133 230/2.16	0.4
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	35
STRAIN @ BREAK	%	ISO-527	115
FLEXURAL STRENGTH	MPa	ISO-178	35
FLEXURAL MODULUS	MPa	ISO-178	1200
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	14
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	53
HDT AT LOAD 0.45 Mpa	°C	ISO-75	86
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	165

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