



creative thermoplastic compounds

PPC717

Release Date: 30/07/2003

UV Stabilized Polypropylene Copolymer for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	0.9
WATER ABSORPTION (SATURATION)	%	ISO-62	>0.03
MFI	g/10min	ISO-1133 230/2.16	3.5
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	25
STRAIN @ BREAK	%	ISO-527	300
FLEXURAL MODULUS	MPa	ISO-178	1100
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	50
ROCKWELL HARDNESS		R scale	78
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	80
HDT AT LOAD 0.45 Mpa	°C	ISO-75	148
ELECTRICAL PROPERTIES	UNIT	TEST METHOD	VALUES
SURFACE RESISTANCE	Ohm	IEC 60093	10 ¹⁴
VOLUME RESISTANCE	Ohm x m	IEC 60093	10 ¹⁷
DIELECTRIC STRENGTH	kV/mm	IEC 60250	500
DIELECTRIC CONSTANT AT 1MHZ	kV/mm	IEC 60250	2.3

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