



creative thermoplastic compounds

RD120

Release Date: 05/12/2012

Polyamide 12 for extrusion applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.03
WATER ABSORPTION (SATURATION)	%	ISO-62	1.5
MOULD SHRINKAGE	%	ISO-2577	0.46-1.15
MFI	g/10min	ISO-1133 230/2.16	2
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	34
STRAIN @ BREAK	%	ISO-527	300
FLEXURAL STRENGTH	MPa	ISO-178	20
FLEXURAL MODULUS	MPa	ISO-178	400
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	N.B.
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	175

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