



creative thermoplastic compounds

PD120BK11

Release Date: 03/07/2009

Polyamide 12 UV Stabilized for extrusion applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.03
WATER ABSORPTION (SATURATION)	%	ISO-62	1.05
MOISTURE ABSORPTION 23° C, 50% RH (SATURATION)	%	ISO-62	0.7
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	40
TENSILE MODULUS	MPa	ISO-527	1100
STRAIN @ BREAK	%	ISO-527	400
FLEXURAL STRENGTH	MPa	ISO-178	30
FLEXURAL MODULUS	MPa	ISO-178	350
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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