



creative thermoplastic compounds

PA201

Release Date: 05/10/2010

High Viscosity Polyamide 66 for extrusion applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.14
WATER ABSORPTION (SATURATION)	%	ISO-62	2.5
MOULD SHRINKAGE	%	ISO-2577	1.3-1.7
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	90
TENSILE MODULUS	MPa	ISO-527	3000
STRAIN @ BREAK	%	ISO-527	30
FLEXURAL STRENGTH	MPa	ISO-178	120
FLEXURAL MODULUS	MPa	ISO-178	2900
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	5
NOTCHED CHARPY IMPACT STRENGTH +23°C	Kj/m ²	ISO-179	6
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	70
HDT AT LOAD 0.45 Mpa	°C	ISO-75	200
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	265
ELECTRICAL PROPERTIES	UNIT	TEST METHOD	VALUES
VOLUME RESISTANCE	Ohm x m	IEC 60093	10 ¹¹
DIELECTRIC STRENGTH	kV/mm	IEC 60250	30.5

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