



creative thermoplastic compounds

RAMLLOY B001

Release Date: 10/03/2008

PA6/Polyolefine Alloy, Reduction of Water Absorption, Impact Modified, for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.03-1.05
WATER ABSORPTION (SATURATION)	%	ISO-62	3.3
MOULD SHRINKAGE	%	ISO-2577	1.3
MFI	g/10min	ISO-1133 235/10	10
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	50
TENSILE MODULUS	MPa	ISO-527	1800
STRAIN @ BREAK	%	ISO-527	180
FLEXURAL STRENGTH	MPa	ISO-178	70
FLEXURAL MODULUS	MPa	ISO-178	2000
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	50
NOTCHED CHARPY IMPACT STRENGTH +23°C	Kj/m ²	ISO-179	30
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	75
HDT AT LOAD 0.45 Mpa	°C	ISO-75	130
UL FLAMMABILITY		UL-94 3mm	H.B.
MELTING POINT	°C	ISO-11357	220

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