



creative thermoplastic compounds

Polytron P60B039-S\Polytron P60B039-SLE

Release Date: 09/02/2014

A Chemically Coupled 60% Long Glass Fiber impact modified Polypropylene with very high heat stabilization for dillution and low emmision applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.47
MOULD SHRINKAGE	%	ISO-2577	0.05-0.1
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	110
TENSILE MODULUS	MPa	ISO-527	14500
STRAIN @ BREAK	%	ISO-527	1.5
FLEXURAL STRENGTH	MPa	ISO-178	175
FLEXURAL MODULUS	MPa	ISO-178	15500
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	23
NOTCHED CHARPY IMPACT STRENGTH +23°C	Kj/m ²	ISO-179	24
NOTCHED CHARPY IMPACT STRENGTH -30°C	Kj/m ²	ISO-179	26
UN NOTCHED CHARPY IMPACT STRENGTH +23°C	Kj/m ²	ISO-179	70
UN NOTCHED CHARPY IMPACT STRENGTH -30°C	Kj/m ²	ISO-179	80
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	153
G.W.F.I	°C	IEC 60695	750
FLAMMABILITY	mm/min	FMVSS302	10@2mm
UL FLAMMABILITY		UL-94	H.B
MELTING POINT	°C	ISO-11357	167

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