



creative thermoplastic compounds

Polytron P60B08-S

Release Date: 06/02/2014

Polytron P60B08-S is a Chemically Coupled 60% Long Glass Fiber Polypropylene with high heat stabilization for dillution.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.47
MOULD SHRINKAGE	%	ISO-2577	0.1-0.15
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	130
TENSILE MODULUS	MPa	ISO-527	15000
STRAIN @ BREAK	%	ISO-527	1.3
FLEXURAL STRENGTH	MPa	ISO-178	200
FLEXURAL MODULUS	MPa	ISO-178	15000
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	20
NOTCHED CHARPY IMPACT STRENGTH +23°C	Kj/m ²	ISO-179	22
NOTCHED CHARPY IMPACT STRENGTH -30°C	Kj/m ²	ISO-179	19
UN NOTCHED CHARPY IMPACT STRENGTH +23°C	Kj/m ²	ISO-179	60
UN NOTCHED CHARPY IMPACT STRENGTH -30°C	Kj/m ²	ISO-179	50
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	150
G.W.F.I	°C	IEC 60695	800
FLAMMABILITY	mm/min	FMVSS302	15
UL FLAMMABILITY		UL-94	H.B
MELTING POINT	°C	ISO-11357	165

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