



creative thermoplastic compounds

Polytron P60B04/P60B04-S

Release Date: 06/02/2014

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	22
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 3mm	H.B.
MELTING POINT	°C	ISO-11357	165

The information contained in this website is supplied in good faith. However, it is given purely as an indication. It shall not be construed in any way as formal commitment or warranty on our part. Notably in respect of the eventual infringement of any rights of third parties who may use our products. We remain at your entire disposal for any further information that you may require.