



creative thermoplastic compounds

PPC501

Release Date: 18/02/2010

Halogen Free Flame Retardant Polypropylene for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.04
MOULD SHRINKAGE	%	ISO-2577	1-2
MFI	g/10min	ISO-1133 190/2.16	12
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	20
TENSILE MODULUS	MPa	ISO-527	2510
STRAIN @ BREAK	%	ISO-527	50
FLEXURAL STRENGTH	MPa	ISO-178	30
FLEXURAL MODULUS	MPa	ISO-178	2150
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	4
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
G.W.F.I	°C	IEC 60695	960
G.W.I.T.	°C	IEC 60695	750
UL FLAMMABILITY		UL-94 3 & 1.6mm	V-0
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.