



creative thermoplastic compounds

PV527

Release Date: 28/10/2009

Flame Retardant ABS for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/m ³	ISO-1183	1.2
MOULD SHRINKAGE	%	ISO-2577	0.3-0.5
MFI	g/10min	ISO-1133 220/10	55-60
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	45
TENSILE MODULUS	MPa	ISO-527	2300
STRAIN @ BREAK	%	ISO-527	4
FLEXURAL STRENGTH	MPa	ISO-178	75
FLEXURAL MODULUS	MPa	ISO-178	2500
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	9.5
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	79
HDT AT LOAD 0.45 Mpa	°C	ISO-75	86
G.W.F.I	°C	IEC 60695	960
G.W.I.T.	°C	IEC 60695	700
UL FLAMMABILITY		UL-94 3mm	V-0

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