



creative thermoplastic compounds

PV507

Release Date: 15/06/2003

Flame Retardant ABS for Injection Moulding applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.2
MOULD SHRINKAGE	%	ISO-2577	0.-0.5
MFI	g/10min	ISO-1133 200/5	5
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	45
TENSILE MODULUS	MPa	ISO-527	2300
STRAIN @ BREAK	%	ISO-527	10
FLEXURAL STRENGTH	MPa	ISO-178	70
FLEXURAL MODULUS	MPa	ISO-178	2100
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	15
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	79
VICAT SOFTENING POINT	°C	ISO-306	86
G.W.F.I	°C	IEC 60695	960
UL FLAMMABILITY		UL-94 3mm	V-0

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