



creative thermoplastic compounds

PVS701

Release Date: 17/06/2003

UV Stabilized Injection Moulding AES, high Impact Resistance, suitable for outdoor applications.

ISO

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUES
DENSITY	g/cm ³	ISO-1183	1.04
MOULD SHRINKAGE	%	ISO-2577	0.5
MFI	g/10min	ISO-1133 220/10	11
MECHANICAL PROPERTIES	UNIT	TEST METHOD	VALUES
TENSILE YIELD STRENGTH	MPa	ISO-527	50
TENSILE MODULUS	MPa	ISO-527	2400
STRAIN @ BREAK	%	ISO-527	12
FLEXURAL STRENGTH	MPa	ISO-178	70
FLEXURAL MODULUS	MPa	ISO-178	2000
NOTCHED IZOD IMPACT STRENGTH +23°C	Kj/m ²	ISO-180	16.5
ROCKWELL HARDNESS		R scale	112
THERMAL PROPERTIES	UNIT	TEST METHOD	VALUES
HDT AT LOAD 1.8 Mpa	°C	ISO-75	89
G.W.F.I	°C	IEC 60695	550

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