

Mablex[®] 356 AS

PC/ABS Blend
Prime Compound

Description:

PC/ABS blend glass fiber reinforced designed for antisqueak and reduced coefficient of friction application; suitable for injection moulding.

General

Density	ISO 1183	1.20	g/cm ³
MFI (260°C/10kg)	ISO 1133	22	g/10min

Thermal

HDT/A (1,82MPa)	ISO 75A	115	°C
Vicat softening point (B50 (50N))	ISO 306	119	°C
Ball pressure test (75°C)	IEC 60695-10-2	Pass	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	12	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	12	kJ/m ²
Tensile strength at break (23 °C)	ISO 527	57	MPa
Elongation at break (23 °C)	ISO 527	2,5	%
Flexural modulus (23°C)	ISO 178	2860	MPa

Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Burning rate (FMVSS 302)	ISO 3795	35	mm/min
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

Various

Surface resistivity	IEC 60093	1.00E+14	Ohm
Volume resistivity	IEC 60093	1.00E+14	Ohm.cm
Dielectric rigidity (Oil 1mm)	IEC 60243-1	33	kV/mm
CTI	IEC 60112	250	V
Linear Mould Shrinkage	internal method	0.2-0.5	%
Ash content (600 °C)	ISO 3451	10	%
Friction Coefficient (Ring on Ring test)	JIS K 7218	0,13	
Squeak noise (min. load to generate)	Internal method	160	N
Squeak noise (Stick Slip Test)	VDA230-206	2	RPM