

Mablex[®] 319 AS

PC/ABS Blend
Prime Compound

Description:

PC/ABS blend 20% glass fiber reinforced designed for antisqueak and reduced coefficient for friction application; low odour & VOC to meet all global automotive OEM specification, suitable for injection moulding.

General

Density	ISO 1183	1.18	g/cm ³
Linear mould shrinkage	ISO 2577	0.4-0.6	%
MFI (260°C/10kg)	ISO 1133	35	g/10min

Thermal

HDT/A (1,82MPa)	ISO 75A	112	°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	11	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	11	kJ/m ²
Tensile stress at break	ISO 527	75	MPa
Elongation at break	ISO 527	3	%
Flex modulus	ISO 178	4000	MPa
Flexural strength (+23°C)	ISO 178	100	MPa

Flammability

Burning rate (2,0 mm)	ISO 3795	40	mm/min
Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

Various

Surface resistivity	IEC 60093	1.0E+14	Ohm
Friction Coefficient (Ring on Ring test)	JIS K 7218	0,14	
Squeak noise (min. load to generate)	Internal method	170	N
Squeak noise (Stick Slip Test)	VDA230-206	2	RPM