



Mablex[®] 274 AS

PC/ABS Blend
Prime Compound

Description:

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

General

Density	ISO 1183	1.13	g/cm ³
Linear mould shrinkage	ISO 2577	0.5-0.7	%
MFI (260°C/5kg)	ISO 1133	20	g/10min

Thermal

HDT/A (1,82MPa)	ISO 75A	107	°C
Vicat softening point (B50 (50N))	ISO 306	124	°C
Ball pressure test (75°C)	IEC 60695-10-2	pass	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180	55	kJ/m ²
Izod notched impact strength (-30°C)	ISO 180	30	kJ/m ²
Tensile stress at yield	ISO 527	55	MPa
Tensile stress at break	ISO 527	50	MPa
Elongation at break	ISO 527	55	%
Flex modulus	ISO 178	2250	MPa
Flexural strength (+23°C)	ISO 178	70	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	0,13	
Squeak noise (min. load to generate)	Internal method	170	N
Squeak noise (Stick Slip Test)	VDA230-206	2	RPM