

Mablex PCH

Polycarbonate + ABS

Ravago Group

Message:

PC/ABS blend heat resistant high flow grade

General Information			
Recycled Content	Yes		
Features	High Flow		
	Medium Heat Resistance		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	30	g/10 min	ISO 1133
Molding Shrinkage	0.50 to 0.70	%	ISO 2577
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	50.0	MPa	
Break	43.0	MPa	
Tensile Strain (Break)	30	%	ISO 527-2
Flexural Modulus	2400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	25	kJ/m ²	
23°C	40	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Annealed)	112	°C	ISO 75-2/A
Vicat Softening Temperature			
--	136	°C	ISO 306/A50
--	128	°C	ISO 306/B50
Ball Pressure Test (75°C)	Pass		
Flammability	Nominal Value	Unit	Test Method
Flame Rating ¹			Internal Method
1.60 mm	HB		
3.20 mm	HB		
Glow Wire Flammability Index (2.00 mm)	750	°C	IEC 60695-2-12
NOTE			

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Recommended distributors for this material

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