

Bayblend® W85 HI

Acrylonitrile Styrene Acrylate + PC

Covestro - Polycarbonates

Message:

(PC+ASA) blend; improved weather resistance; optimized heat ageing stability; excellent low temperature ductility; high heat resistance; Vicat/B 120 = 134 °C.

General Information			
Features	Ductile		
	Good Heat Aging Resistance		
	Good Weather Resistance		
	High Heat Resistance		
	Low Temperature Resistant		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	17.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2300	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/50
Yield, 23°C	56.0	MPa	
Break, 23°C	58.0	MPa	
Tensile Strain			ISO 527-2/50
Yield, 23°C	5.0	%	
Break, 23°C	> 50	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/A
-30°C	38	kJ/m²	
23°C	48	kJ/m²	
Multi-Axial Instrumented Impact Energy			ISO 6603-2
-30°C	45.0	J	
23°C	45.0	J	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	134	°C	ISO 306/B120
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity ¹ (260°C)	275	Pa·s	ISO 11443-A
NOTE			

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