

POLYLAC® PA-737 A03

Acrylonitrile Butadiene Styrene

CHI MEI CORPORATION

Message:

White (Similar to RAL 9003), High flow, Medium impact

General Information			
Features	High Flow		
	Medium Impact Resistance		
RoHS Compliance	RoHS Compliant		
Appearance	White		
Forms	Pellets		
Resin ID (ISO 1043)	>ABS<		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	30	g/10 min	ISO 1133
Molding Shrinkage	0.40 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/50
Yield	38.0	MPa	
Break	31.0	MPa	
Tensile Strain (Break)	20	%	ISO 527-2/50
Flexural Modulus ¹	1900	MPa	ISO 178
Flexural Stress ²	59.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	19	kJ/m ²	ISO 179
Notched Izod Impact Strength (23°C)	19	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Annealed)	96.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	104	°C	ISO 306/A50
--	97.0	°C	ISO 306/B50
CLTE - Flow	8.2E-5	cm/cm/°C	ISO 11359-2
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94
NOTE			
1.	2.0 mm/min		
2.	2.0 mm/min		

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