

POLYLAC® PA-757H

Acrylonitrile Butadiene Styrene

CHI MEI CORPORATION

Message:

Better balance in high flow and high impact, High gloss performance.

General Information			
Features	High Flow		
	High Gloss		
	High Impact Resistance		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Resin ID (ISO 1043)	>ABS<		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.04	g/cm³	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	40.0	MPa	
Break	31.0	MPa	
Tensile Strain (Break)	40	%	ISO 527-2/50
Flexural Modulus ¹	2000	MPa	ISO 178
Flexural Stress ²	61.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	29	kJ/m²	ISO 179
Notched Izod Impact Strength (23°C)	27	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			ISO 75-2/A
1.8 MPa, Unannealed	83.0	°C	
1.8 MPa, Annealed	98.0	°C	
Vicat Softening Temperature			
--	105	°C	ISO 306/A50
--	101	°C	ISO 306/B50
CLTE - Flow	8.6E-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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