

POLYLAC® PA-77NB

Acrylonitrile Butadiene Styrene

CHI MEI CORPORATION

Message:

POLYLAC® PA-77NB is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

- Flame Rated
- Low Emissions

General Information			
Features	Low Emissions		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.06	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	10.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	41.0	MPa	ISO 527-2/50
Tensile Strain (Break)	46	%	ISO 527-2/50
Flexural Modulus ¹	2100	MPa	ISO 178
Flexural Stress ²	65.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	19	kJ/m ²	ISO 179
Notched Izod Impact Strength	21	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			ISO 75-2/A
1.8 MPa, Unannealed	86.0	°C	
1.8 MPa, Annealed	106	°C	
Vicat Softening Temperature			
--	115	°C	ISO 306/A50
--	108	°C	ISO 306/B50
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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Recommended distributors for this material

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