

CP PRYME® ABS A100HF

Acrylonitrile Butadiene Styrene

Chase Plastics Services Inc.

Message:

CP PRYME® ABS A100HF is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in North America. Primary characteristic: high flow.

General Information			
Features	High Flow		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	48	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	49.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	15	%	ASTM D638
Flexural Modulus (23°C)	2590	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	79.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	170	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 3.18 mm	93.3	°C	
1.8 MPa, Unannealed, 3.18 mm	87.8	°C	

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China


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