

CP PRYME® ABS A100-36

Acrylonitrile Butadiene Styrene
Chase Plastics Services Inc.

Message:
Prime, ABS

General Information			
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	21	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.40 - 0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	108		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹ (3.20 mm)	2080	MPa	ASTM D638
Tensile Strength ² (Yield, 3.20 mm)	45.1	MPa	ASTM D638
Tensile Elongation ³ (Break, 3.20 mm)	40	%	ASTM D638
Flexural Modulus ⁴ (3.20 mm)	2450	MPa	ASTM D790
Flexural Strength ⁵ (3.20 mm)	72.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C, 6.35 mm	130	J/m	ASTM D256
23°C, 3.18 mm	390	J/m	ASTM D256
23°C, 6.35 mm	340	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, unannealed, 6.40mm	91.0	°C	ASTM D648
1.8 MPa, unannealed, 6.40mm	87.0	°C	ASTM D648
Vicat Softening Temperature	93.0	°C	ASTM D1525 ⁶
NOTE			
1.	1.0 mm/min		
2.	50 mm/min		
3.	50 mm/min		
4.	15 mm/min		
5.	15 mm/min		
6.	速率 A (50°C/h), 载荷2 (50N)		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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



WECHAT