

AVP™ GLC08CP

Polycarbonate + ABS

SABIC Innovative Plastics

Message:

AVP™ GLC08CP is a Polycarbonate + ABS (PC+ABS) product. It can be processed by injection molding and is available in North America. Primary characteristic: flame rated.

General Information			
UL YellowCard	E121562-100305640		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (260°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, 3.18 mm)	57.9	MPa	ASTM D638
Tensile Elongation ² (Break, 3.18 mm)	40	%	ASTM D638
Flexural Modulus ³ (3.18 mm)	2410	MPa	ASTM D790
Flexural Strength ⁴ (3.18 mm)	102	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	480	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.35 mm)	96.1	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating (1.52 mm, BLK)	HB	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	93.4	°C	
Drying Time	2.0	hr	
Drying Time, Maximum	24	hr	
Processing (Melt) Temp	260 to 288	°C	
Mold Temperature	71.2 to 93.4	°C	
Back Pressure	0.345	MPa	
Screw Speed	40 to 70	rpm	
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		
4.	1.3 mm/min		

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

