

# 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 <sup>1</sup> (Yield, 3.18 mm)	57.9	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break, 3.18 mm)	40	%	ASTM D638
Flexural Modulus <sup>3</sup> (3.18 mm)	2410	MPa	ASTM D790
Flexural Strength <sup>4</sup> (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		

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### Recommended distributors for this material

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