

GLS Blends MS109

Polycarbonate + ABS

GLS Polymers Pvt. Ltd.

Message:

PC /ABS Precolor

General Information			
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14 to 1.15	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	> 10	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	65.0 to 68.0	MPa	ASTM D638
Tensile Elongation (Break)	> 20	%	ASTM D638
Flexural Modulus	3500 to 3800	MPa	ASTM D790
Flexural Strength	106 to 114	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	550 to 600	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	110 to 114	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (3.00 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	95.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	234 to 265	°C	
Mold Temperature	100 to 110	°C	
Injection Pressure	68.0 to 102	MPa	
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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