

GLS ABS SN09

Acrylonitrile Butadiene Styrene

GLS Polymers Pvt. Ltd.

Message:

ABS Precolor

General Information			
Appearance	Colors Available		
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)	> 10	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.30 to 0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	> 45.0	MPa	ASTM D638
Tensile Elongation (Yield)	> 5.0	%	ASTM D638
Flexural Modulus ²	> 2250	MPa	ASTM D790
Flexural Strength ³	> 60.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	> 180	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	84.0 to 89.0	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	205 to 230	°C	
Mold Temperature	60.0 to 80.0	°C	
Injection Pressure	68.0 to 102	MPa	
NOTE			
1.	50 mm/min		
2.	2.0 mm/min		
3.	2.0 mm/min		

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