

ANSAGLAS A07 000 0000 000 A

Polymethyl Methacrylate Acrylic

Daloga srl

Message:

ANSAGLAS A07 000 0000 000 A is a Polymethyl Methacrylate Acrylic material. It is available in Europe for injection molding. Primary attribute of ANSAGLAS A07 000 0000 000 A: Flame Rated.

Typical applications include:

Automotive

Lighting Applications

General Information			
Uses	Automotive Applications		
	Lighting Fixtures		
Appearance	Colors Available		
	Orange		
	Red		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	2.0 to 8.0	g/10 min	ISO 1133
Molding Shrinkage			ISO 2577
Across Flow	0.20 to 0.60	%	
Flow	0.20 to 0.60	%	
Water Absorption (23°C, 24 hr)	0.30	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	65.0	MPa	ASTM D638
Flexural Modulus ²	3100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	15 to 25	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	77.0	°C	ASTM D648
Vicat Softening Temperature	90.0	°C	ISO 306/B120
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	HB		
3.20 mm	HB		
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	

Drying Time	2.0 to 4.0	hr
Processing (Melt) Temp	190 to 230	°C
Mold Temperature	60.0 to 70.0	°C
NOTE		
1.	50 mm/min	
2.	2.0 mm/min	

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Recommended distributors for this material


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