4LAC® 10H10500

Acrylonitrile Butadiene Styrene

4Plas

Message:

4LAC 10H10500 is a Low Flow Heat Stabilised ABS

General Information			
Additive	heat stabilizer		
Features	Low liquidity Thermal Stability		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.05	g/cm³	ISO 1183
Molding Shrinkage - Across Flow	0.50	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (23°C)	2400	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	20	%	ISO 527-2/5
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ISO 180/1A
-30°C	8.0	kJ/m²	ISO 180/1A
23°C	18	kJ/m²	ISO 180/1A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	99.0	°C	ISO 75-2/A
Vicat Softening Temperature	105	°C	ISO 306/B
Flammability	**Nominal Value**	**Unit**	**Test Method**
Glow Wire Flammability Index			IEC 60695-2-12
1.00 mm	700	°C	IEC 60695-2-12
2.00 mm	700	°C	IEC 60695-2-12
Injection	**Nominal Value**	**Unit**	
Drying Temperature	80.0	°C	
Drying Time	2.0 - 4.0	hr	
Suggested Max Moisture	0.10	%	
Processing (Melt) Temp	190 - 230	°C	
Mold Temperature	50.0 - 60.0	°C	
Injection Rate	Moderate-Fast		
Holding Pressure	50.0 - 100	MPa	
Screw Speed	200	rpm	
Injection instructions			

Feed Throat Temperature: 30 - 50 °CBack Pressure: Low

Recommended distributors for this material

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