4LAC® 25H20400 AS

Acrylonitrile Butadiene Styrene

4Plas

Message:

4LAC 25H20400 AS is a Standard Flow UV Stabilised Anti-Static ABS

General Information			
Additive	UV stabilizer		
Features	Antistatic property Good UV resistance		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.04	g/cm³	ISO 1183
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (23°C)	2600	MPa	ISO 527-2/5
Tensile Stress (Break, 23°C)	43.0	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	3.0	%	ISO 527-2/5
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ISO 180/1A
-30°C	5.0	kJ/m²	ISO 180/1A
23°C	15	kJ/m²	ISO 180/1A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (0.45 MPa, Unannealed)	97.0	°C	ISO 75-2/B
Vicat Softening Temperature	108	°C	ISO 306/B
Electrical	**Nominal Value**	**Unit**	**Test Method**
Comparative Tracking Index	400	V	IEC 60112
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating (1.60 mm)	HB		UL 94
Glow Wire Flammability Index (2.00 mm)	650	°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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