

4LAC® 25H20400

Acrylonitrile Butadiene Styrene
4Plas

Message:

4LAC 25H20400 is a Standard Flow UV Stabilised ABS

General Information			
Additive	UV stabilizer		
Features	Good UV resistance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	4.71	MPa	ASTM D638
Tensile Elongation (Break)	15	%	ASTM D638
Flexural Modulus	2160	MPa	ASTM D790
Flexural Strength	6.37	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	250	J/m	ASTM D256
Thermal	Nominal Value		Test Method
Heat Deflection Temperature	82.0		ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	HB		UL 94
3.00 mm	HB		UL 94
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

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