

4LAC® 10H20800 I

Acrylonitrile Butadiene Styrene
4Plas

Message:

4LAC 10H20800 I is a Standard Flow Recycled Impact Modified ABS

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
	Recyclable Material		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	15	g/10 min	ISO 1133
Molding Shrinkage - Across Flow	0.30 to 0.60	%	
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
Flexural Modulus	2600	MPa	ISO 178
Flexural Stress ¹ (23°C)	70.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	19	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	97.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	97.0	°C	ISO 75-2/A
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			UL 94
1.60 mm	HB		
3.20 mm	HB		
Glow Wire Flammability Index (2.00 mm)	650	°C	IEC 60695-2-12
NOTE			
1.	2.0 mm/min		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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