

ARC ARC1420

Acrylonitrile Butadiene Styrene

ARC Resin Corporation

Message:

ARC ARC1420 is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in North America.

Important attributes of ARC ARC1420 are:

Flame Rated

Good Toughness

High Flow

General Information			
Features		Good Toughness High Flow	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (23°C, 3.18 mm)	44.8	MPa	ASTM D638
Flexural Modulus (23°C, 3.18 mm)	2620	MPa	ASTM D790
Flexural Strength (23°C, 3.18 mm)	74.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	270	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load ² (1.8 MPa, Unannealed, 6.35 mm)	87.8	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (BK)	HB		UL 94
NOTE			
1.	Type I, 5.1 mm/min		
2.	0.250" x 0.5" x 5" bar		

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Recommended distributors for this material

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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