

ARC ARC2301

Polycarbonate
ARC Resin Corporation

Message:
ARC ARC2301 is a Polycarbonate (PC) material. It is available in North America. Primary attribute of ARC ARC2301: Flame Rated.

General Information			
Features	Medium Flow		
Appearance	Clear/Transparent		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (23°C, 3.18 mm)	58.6	MPa	ASTM D638
Tensile Elongation ² (Break, 23°C, 3.18 mm)	130	%	ASTM D638
Flexural Modulus (23°C, 3.18 mm)	2340	MPa	ASTM D790
Flexural Strength (23°C, 3.18 mm)	86.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	750	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.35 mm)	129	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.52 mm, All)	V-2		UL 94
NOTE			
1.	Type I, 51 mm/min		
2.	Type I, 51 mm/min		

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Recommended distributors for this material

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