ARC Resin Corporation

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Typical Properties

ARC2200

Description: Polycarbonate, GP Molding Grade, Medium Flow, UL 94 V2 @ .060"

Property	Test Conditions	English Value	Test Reference
Izod Impact	73°F, 0.125" bar notched	14.0 ft-lb./in. (747 J/m)	ASTM D-256 Method A
Melt Flow	300°C, 1.2 Kg	12.0 gm/10 min	ASTM D-1238
Deflection Temperature	264 psi 0.250" x 0.5" x 5" bar	265°F (129°C)	ASTM D-648
Tensile Strength	73°F, Type I 0.250" x 0.5" bar	8,500 psi (59 MPa)	ASTM D-638
Tensile Modulus	0.2"/min. speed	3.3×10^5 psi (2277 MPa)	
Tensile Elongation		130%	
Flexural Strength	73°F 0.125" x 0.5" x 5" bar	12,500 psi (86 MPa)	ASTM D-790
Flexural Modulus	0.05"/min. speed	3.4×10^5 psi (2346 MPa)	
Specific Gravity		1.21	ASTM D-790
UL Flame Class			
Flame Class Rating	0.060" – 0.090"(All)	V-2/746°C	UL Std. 94

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