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## Typical Properties

### ARC1950

**Description:** ABS, Flame Retardant, UL 94 VO

<u>Property</u>	<u>Test Conditions</u>	<u>English Value</u>	<u>Test Reference</u>
Izod Impact	73°F, 0.125" bar notched	2.5 ft-lb./in. (133 J/m)	ASTM D-256 Method A
Melt Flow	230°C, 3.8 Kg	4.0 gm/10 min	ASTM D-1238
Deflection Temperature	264 psi 0.250" x 0.5" x 5" bar	180°F (82°C)	ASTM D-648
Tensile Strength	73°F, Type I 0.125" bar	6000 psi (41 MPa)	ASTM D-638
Tensile Modulus	0.2" min. speed	3.2 x 10 <sup>5</sup> psi (2208 MPa)	
Tensile Elongation		150%	
Flexural Strength	73°F 0.125" x 0.5" x 5" bar	9700 psi (67 MPa)	ASTM D-790
Flexural Modulus	0.05"/min. speed	3.3 x 10 <sup>5</sup> psi (2277 MPa)	
Specific Gravity			
UL Flame Class			
Flame Class Rating	0.060" thickness	VO	UL Std. 94

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