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## Typical Properties

### ARC1420

**Description:** ABS High Flow, Tough, 5 Izod, 7.0 Melt Flow

<u>Property</u>	<u>Test Conditions</u>	<u>English Value</u>	<u>Test Reference</u>
Izod Impact	73°F, 0.125" bar notched	5.0 ft-lb./in. (267 J/m)	ASTM D-256 Method A
Melt Flow	230°C, 3.8 Kg	7.0 gm/10 min.	ASTM D-1238
Deflection Temperature	264 psi 0.250" x 0.5" x 5" bar	190°F (88°C)	ASTM D-648
Tensile Strength	73°F, Type I 0.125", 0.2"/min.	6500 psi (45 MPa)	ASTM D-638
Tensile Modulus Tensile Elongation			
Flexural Strength	73°F 0.125"x 0.5" x 5" bar	10,800 psi (74 MPa)	ASTM D-790
Flexural Modulus	0.05"/min. speed	3.8 x 10 <sup>5</sup> psi (2620 MPa)	
Specific Gravity		1.05	ASTM D-792
UL Flame Class		HB	UL 94
UL Color		Black	

The test results are believed to be based on reliable procedures. Due to variable conditions or methods of processing. NO GUARANTEES OR WARRANTIES ARE EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY FOR PARTICULAR PURPOSE. The above information is not to be construed as a license or a recommendation to infringe on any patents.