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Typical Properties

ARC2301

Description: Polycarbonate, Transparent Molding Grade, Medium Flow

| <u>Property</u> | <u>Test Conditions</u> | <u>English Value</u> | <u>Test Reference</u> |
|------------------------|-----------------------------------|---|------------------------|
| Izod Impact | 73°F, 0.125" bar notched | 14 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" Unannealed | 265°F (130°C) | ASTM D-648 |
| Tensile Strength | 73°F, Type I 0.125", 2.0"/min. | 8,500 psi (59 MPa) | ASTM D-638 |
| Tensile Modulus | | | |
| Tensile Elongation | | 130% | ASTM D-638 |
| 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 x 10 ⁵ psi (2344 MPa) | |
| Specific Gravity | | 1.21 | ASTM D-792 |
| UL Flame Class | | V2/746C | UL 94 |
| UL Thickness | | .060" (1.52 mm) | |
| UL Color | | All | |

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.