

# ARC ARC2351

Polycarbonate  
ARC Resin Corporation

Message:  
ARC ARC2351 is a Polycarbonate (PC) material. It is available in North America. Primary attribute of ARC ARC2351: High Flow.

| General Information                                              |                   |                   |             |
|------------------------------------------------------------------|-------------------|-------------------|-------------|
| Features                                                         | High Flow         |                   |             |
| Physical                                                         | Nominal Value     | Unit              | Test Method |
| Specific Gravity                                                 | 1.20              | g/cm <sup>3</sup> | ASTM D792   |
| Mechanical                                                       | Nominal Value     | Unit              | Test Method |
| Tensile Strength <sup>1</sup> (23°C, 3.18 mm)                    | 62.1              | MPa               | ASTM D638   |
| Tensile Elongation <sup>2</sup> (Break, 23°C, 3.18 mm)           | 120               | %                 | ASTM D638   |
| Flexural Modulus (23°C, 3.18 mm)                                 | 2280              | MPa               | ASTM D790   |
| Flexural Strength (23°C, 3.18 mm)                                | 93.1              | MPa               | ASTM D790   |
| Impact                                                           | Nominal Value     | Unit              | Test Method |
| Notched Izod Impact (23°C, 3.18 mm)                              | 640               | J/m               | ASTM D256A  |
| Thermal                                                          | Nominal Value     | Unit              | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.35 mm) | 127               | °C                | ASTM D648   |
| NOTE                                                             |                   |                   |             |
| 1.                                                               | Type I, 51 mm/min |                   |             |
| 2.                                                               | Type I, 51 mm/min |                   |             |

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