

## Global ABS-305 General Purpose ABS

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Molded

### Material Notes:

Information provided by Global Polymers Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Global-ABS-305-General-Purpose-ABS.php](http://www.lookpolymers.com/polymer_Global-ABS-305-General-Purpose-ABS.php)

| Physical Properties   | Metric                                               | English                                              | Comments   |
|-----------------------|------------------------------------------------------|------------------------------------------------------|------------|
| Density               | 1.04 g/cc                                            | 0.0376 lb/in <sup>3</sup>                            | ASTM D792  |
| Linear Mold Shrinkage | 0.0060 cm/cm                                         | 0.0060 in/in                                         | ASTM D955  |
| Melt Flow             | 5.0 g/10 min<br>@Load 3.80 kg,<br>Temperature 230 °C | 5.0 g/10 min<br>@Load 8.38 lb,<br>Temperature 446 °F | ASTM D1238 |

| Mechanical Properties   | Metric    | English       | Comments  |
|-------------------------|-----------|---------------|-----------|
| Tensile Strength, Yield | 42.1 MPa  | 6100 psi      | ASTM D638 |
| Flexural Modulus        | 2.21 GPa  | 320 ksi       | ASTM D790 |
| Izod Impact, Notched    | 1.60 J/cm | 3.00 ft-lb/in | ASTM D256 |

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