

Aaron Industries AAROPRENE® GFIPP 2010 High Impact Glass Filled Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Glass Reinforced, Impact Modified

Material Notes:

AAROPRENE® GFIPP 2000 Series Reinforced Compounds Melt flow index may be specified. Color may be specified.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aaron-Industries-AAROPRENE-GFIPP-2010-High-Impact-Glass-Filled-Polypropylene.php

| Physical Properties | Metric | English | Comments |
|-----------------------|---|---|-------------------|
| Specific Gravity | 0.980 g/cc | 0.980 g/cc | ASTM D792 |
| Filler Content | 10 % | 10 % | Glass; ASTM D2584 |
| Linear Mold Shrinkage | 0.0060 cm/cm | 0.0060 in/in | ASTM D955 |
| Melt Flow | 8.0 - 12 g/10 min @Load 2.16 kg, Temperature 230 °C | 8.0 - 12 g/10 min @Load 4.76 lb, Temperature 446 °F | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|------------|---------------|-----------|
| Tensile Strength | 37.2 MPa | 5400 psi | ASTM D638 |
| Flexural Modulus | 2.21 GPa | 320 ksi | ASTM D790 |
| Izod Impact, Notched | 0.908 J/cm | 1.70 ft-lb/in | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---|--------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 138 °C | 280 °F | ASTM D648 |

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