

## Addiplast Addilene H 210 G20 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Glass Bead Filled

### Material Notes:

Glass bead reinforced, improved stiffness and dimensional stability Information provided by Addiplast.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Addiplast-Addilene-H-210-G20-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_Addiplast-Addilene-H-210-G20-Polypropylene-Homopolymer.php)

| Physical Properties | Metric       | English                   | Comments   |
|---------------------|--------------|---------------------------|------------|
| Density             | 1.01 g/cc    | 0.0365 lb/in <sup>3</sup> | ISO 1183/A |
| Melt Flow           | 3.0 g/10 min | 3.0 g/10 min              | ISO 1133   |

| Mechanical Properties      | Metric                  | English                    | Comments    |
|----------------------------|-------------------------|----------------------------|-------------|
| Hardness, Shore D          | 76                      | 76                         | ISO 868     |
| Tensile Strength at Break  | 24.0 MPa                | 3480 psi                   | ISO R 527   |
| Elongation at Yield        | >= 100 %                | >= 100 %                   | ISO R 527   |
| Modulus of Elasticity      | 1.55 GPa                | 225 ksi                    | ISO 178     |
| Izod Impact, Notched (ISO) | 3.00 kJ/m <sup>2</sup>  | 1.43 ft-lb/in <sup>2</sup> | ISO 180/1A  |
| Charpy Impact Unnotched    | 3.70 J/cm <sup>2</sup>  | 17.6 ft-lb/in <sup>2</sup> | ISO 179/IeU |
| Charpy Impact, Notched     | 0.300 J/cm <sup>2</sup> | 1.43 ft-lb/in <sup>2</sup> | ISO 179/IeA |

| Thermal Properties                          | Metric       | English      | Comments    |
|---------------------------------------------|--------------|--------------|-------------|
| Melting Point                               | 165 - 168 °C | 329 - 334 °F | ISO 3146/C2 |
| Deflection Temperature at 1.8 MPa (264 psi) | 62.0 °C      | 144 °F       | ISO 75-2/AF |
| Vicat Softening Point                       | 153 °C       | 307 °F       | ISO 306/A50 |

| Electrical Properties      | Metric             | English            | Comments             |
|----------------------------|--------------------|--------------------|----------------------|
| Volume Resistivity         | >= 1.00e+14 ohm-cm | >= 1.00e+14 ohm-cm | CEI 60093            |
| Surface Resistance         | 1.00e+14 ohm       | 1.00e+14 ohm       | CEI 60093            |
| Comparative Tracking Index | >= 600 V           | >= 600 V           | CEI 60112/Solution A |

## Contact Songhan Plastic Technology Co.,Ltd.

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