

## Domo 1100N Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

**Material Notes:**

Information provided by Domo.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Domo-1100N-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_Domo-1100N-Polypropylene-Homopolymer.php)

| Physical Properties | Metric      | English                   | Comments |
|---------------------|-------------|---------------------------|----------|
| Density             | 0.910 g/cc  | 0.0329 lb/in <sup>3</sup> | ISO 1183 |
| Melt Flow           | 12 g/10 min | 12 g/10 min               | ISO 1133 |

| Mechanical Properties      | Metric  | English  | Comments   |
|----------------------------|---|--|------------|
| Tensile Modulus            | 1.55 GPa  | 225 ksi  | ISO 527-2  |
| Izod Impact, Notched (ISO) | 1.30 kJ/m <sup>2</sup><br>@Temperature -30.0 °C | 0.619 ft-lb/in <sup>2</sup><br>@Temperature -22.0 °F | ISO 180/1A |
|                            | 3.00 kJ/m <sup>2</sup><br>@Temperature 23.0 °C  | 1.43 ft-lb/in <sup>2</sup><br>@Temperature 73.4 °F   | ISO 180/1A |

| Thermal Properties    | Metric  | English | Comments           |
|-----------------------|---------|---------|--------------------|
| Melting Point         | 163 °C  | 325 °F  | DSC; ISO 3146      |
| Vicat Softening Point | 90.0 °C | 194 °F  | B50 (50N); ISO 306 |
|                       | 154 °C  | 309 °F  | A50 (10N); ISO 306 |

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