

## Dow C758-80NA Polypropylene Impact Copolymer Resin

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene, Impact Modified; Molded/Extruded

### Material Notes:

Overview Very easy mold filling and fast set up Good balance of impact strength and stiffness Contains a nucleating and antistatic additive Complies with: U.S. FDA FCN 843, Canadian HPFB No Objection DOW C758-80NA Polypropylene Resin is a nucleated, antistatic, very high flow, reactor grade polypropylene impact copolymer. It provides excellent processability, while maintaining a good balance of impact and stiffness. DOW C758-80NA Polypropylene Resin is intended for use injection molded automotive interior trim applications. Dow Announced Sale of Global Polypropylene Business to Braskem in July 2011.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-C758-80NA-Polypropylene-Impact-Copolymer-Resin.php](http://www.lookpolymers.com/polymer_Dow-C758-80NA-Polypropylene-Impact-Copolymer-Resin.php)

| Physical Properties    | Metric  | English   | Comments   |
|------------------------|---|---|------------|
| Density                | 0.900 g/cc  | 0.0325 lb/in <sup>3</sup>                           | ASTM D792  |
| Melt Index of Compound | 80 g/10 min<br>@Load 2.16 kg,<br>Temperature 230 °C | 80 g/10 min<br>@Load 4.76 lb,<br>Temperature 446 °F | ASTM D1238 |

| Mechanical Properties       | Metric     | English       | Comments   |
|-----------------------------|------------|---------------|------------|
| Tensile Strength, Yield     | 25.7 MPa   | 3730 psi      | ASTM D638  |
| Elongation at Yield         | 4.6 %      | 4.6 %         | ASTM D638  |
| Flexural Modulus, 1% Secant | 1380 MPa   | 200000 psi    | ASTM D790A |
| Izod Impact, Notched        | 0.747 J/cm | 1.40 ft-lb/in | ASTM D256A |

| Thermal Properties                          | Metric | English | Comments              |
|---|--------|---------|-----------------------|
| Deflection Temperature at 0.46 MPa (66 psi) | 106 °C | 223 °F  | Unannealed; ASTM D648 |

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China