

## Covestro Desmopan® DP 3070AU Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

### Material Notes:

injection molding grade free from plasticizers  
Application Injection molded engineering part  
As of 1 September 2015, Bayer Material Science was separated from Bayer AG and officially adopted its new name – Covestro.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Covestro-Desmopan-DP-3070AU-Polyurethane.php](http://www.lookpolymers.com/polymer_Covestro-Desmopan-DP-3070AU-Polyurethane.php)

| Physical Properties | Metric    | English                   | Comments |
|---------------------|-----------|---------------------------|----------|
| Density             | 1.15 g/cc | 0.0415 lb/in <sup>3</sup> | ISO 1183 |

| Mechanical Properties     | Metric                       | English                      | Comments                   |
|---------------------------|------------------------------|------------------------------|----------------------------|
| Hardness, Shore A         | 70                           | 70                           | 3s; ISO 868                |
| Tensile Strength at Break | 25.0 MPa                     | 3630 psi                     | ISO 527-1/-2               |
| Tensile Strength, Yield   | 25.0 MPa                     | 3630 psi                     | parallel; ISO 527-3        |
|                           | 2.50 MPa<br>@Strain 100 %    | 363 psi<br>@Strain 100 %     | ISO 527-1/-2               |
|                           | 4.60 MPa<br>@Strain 300 %    | 667 psi<br>@Strain 300 %     | ISO 527-1/-2               |
| Elongation at Break       | >= 300 %                     | >= 300 %                     | ISO 527-1/-2               |
| Abrasion                  | 50                           | 50                           | mm <sup>3</sup> ; ISO 4649 |
| Compression Set           | 24 %<br>@Temperature 23.0 °C | 24 %<br>@Temperature 73.4 °F | ISO 815                    |
|                           | 52 %<br>@Temperature 70.0 °C | 52 %<br>@Temperature 158 °F  | ISO 815                    |

| Descriptive Properties | Value                     | Comments |
|------------------------|---------------------------|----------|
| Availability           | Asia Pacific              |          |
|                        | Europe                    |          |
|                        | India                     |          |
|                        | Near East/Africa          |          |
|                        | South and Central America |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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