

Covestro Desmopan® DP 9868DU Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

injection molding gradevery good hydrolysis and microbial resistancevery good low-temperature impact strengthopaqueCylindrical pelletsApplicationBoot shellsTechnical partsAs of 1 September 2015, Bayer MaterialScience 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-9868DU-Polyurethane.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|----------|
| Density | 1.17 g/cc | 0.0423 lb/in ³ | ISO 1183 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|----------------------|----------------------|----------------------------|
| Hardness, Shore A | 98 | 98 | 3s; ISO 868 |
| Hardness, Shore D | 66 | 66 | 15s; ISO 868 |
| Abrasion | 30 | 30 | mm ³ ; ISO 4649 |
| Compression Set | 73 % | 73 % | ISO 815 |
| | @Temperature 23.0 °C | @Temperature 73.4 °F | |
| | 82 % | 82 % | ISO 815 |
| | @Temperature 70.0 °C | @Temperature 158 °F | |

| Descriptive Properties | Value | Comments |
|------------------------|---------------------------|----------|
| Availability | Asia Pacific | |
| | Europe | |
| | India | |
| | Near East/Africa | |
| | South and Central America | |
| Feature | Release agent | |
| Form | Pellets | |
| Process | Injection Molding | |

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