

Covestro Desmopan® DP 3055D Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

injection molding grade with high mechanical strength for articles subject to wear, excellent abrasion resistance, good wear resistance, very short cycle times. Application: Injection molded engineering parts, rollers. 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-3055D-Polyurethane.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in³	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	96	96	3s; ISO 868
Hardness, Shore D	56	56	15s; ISO 868
Tensile Strength at Break	60.0 MPa	8700 psi	ISO 527-1/-2
Tensile Strength, Yield	60.0 MPa	8700 psi	parallel; ISO 527-3
	15.0 MPa @Strain 100 %	2180 psi @Strain 100 %	ISO 527-1/-2
	35.0 MPa @Strain 300 %	5080 psi @Strain 300 %	ISO 527-1/-2
Elongation at Break	>= 300 %	>= 300 %	ISO 527-1/-2
Abrasion	26	26	mm³; ISO 4649
Compression Set	21 % @Temperature 23.0 °C	21 % @Temperature 73.4 °F	ISO 815
	43 % @Temperature 70.0 °C	43 % @Temperature 158 °F	ISO 815

Descriptive Properties	Value	Comments
Availability	Asia Pacific	
	Europe	
	India	

Descriptive Properties	Near East/Africa Value	Comments
South and Central America		

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