

Covestro Desmopan® DP 3072D Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

injection molding gradehigh mechanical strengthexcellent abrasion resistancegood wear resistancevery short cycle timesApplicationTechnical 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-3072D-Polyurethane.php

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	98	98	3s; ISO 868
Hardness, Shore D	72	72	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
	34.0 MPa	4930 psi	ISO 527-1/-2
	@Strain 100 %	@Strain 100 %	
	52.0 MPa	7540 psi	ISO 527-1/-2
	@Strain 300 %	@Strain 300 %	
Elongation at Break	>= 300 %	>= 300 %	ISO 527-1/-2
Abrasion	20	20	mm ³ ; ISO 4649
Compression Set	29 %	29 %	ISO 815
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	49 %	49 %	ISO 815
	@Temperature 70.0 °C	@Temperature 158 °F	

Descriptive Properties	Value	Comments
Availability	Asia Pacific	
	Europe	
	India	

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

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