

Covestro Desmopan® DP 9873DU Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

injection molding gradevery good hydrolysis and microbial resistancevery good low-temperature impact strengthApplicationBoot shellsInjection molded engineering 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-9873DU-Polyurethane.php

Physical Properties	Metric	English	Comments
Density	1.19 g/cc	0.0430 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	98	98	3s; ISO 868
Hardness, Shore D	73	73	15s; ISO 868
Tensile Strength at Break	55.0 MPa	7980 psi	ISO 527-1/-2
Tensile Strength, Yield	55.0 MPa	7980 psi	parallel; ISO 527-3
	35.0 MPa	5080 psi	ISO 527-1/-2
	@Strain 100 %	@Strain 100 %	
	50.0 MPa	7250 psi	ISO 527-1/-2
	@Strain 300 %	@Strain 300 %	
Elongation at Break	>= 300 %	>= 300 %	ISO 527-1/-2
Compression Set	80 %	80 %	ISO 815
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	92 %	92 %	ISO 815
	@Temperature 70.0 °C	@Temperature 158 °F	

Descriptive Properties	Value	Comments
Availability	Asia Pacific	
	Europe	
	India	
	Near East/Africa	

Descriptive Properties	South and Central America Value	Comments
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