

Covestro Desmopan® DP 1490A Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

Extrusion- and injection molding gradesuitable for extrusion blow moldinghigh melt stabilityvery large processing windowApplicationBellowsInjection molded engineering partsO-stringsHosesnon-reinforcedAs 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-1490A-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	92	92	3s; ISO 868
Hardness, Shore D	40	40	15s; ISO 868
Tensile Strength at Break	50.0 MPa	7250 psi	ISO 527-1/-2
Tensile Strength, Yield	50.0 MPa	7250 psi	parallel; ISO 527-3
	8.50 MPa @Strain 100 %	1230 psi @Strain 100 %	ISO 527-1/-2
	18.0 MPa @Strain 300 %	2610 psi @Strain 300 %	ISO 527-1/-2
Elongation at Break	>= 300 %	>= 300 %	ISO 527-1/-2
Abrasion	35	35	mm³; ISO 4649
Compression Set	24 % @Temperature 23.0 °C	24 % @Temperature 73.4 °F	ISO 815
	47 % @Temperature 70.0 °C	47 % @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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