

Covestro Desmopan® 3385A Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

Extrusion- and injection molding grade good wear resistance short cycle time high melt stability Application hard - soft systems Hoses non-reinforced Profiles Injection molded engineering parts Preprocessing Max. Water content

Order this product through the following link:

http://www.lookpolymers.com/polymer_Covestro-Desmopan-3385A-Polyurethane.php

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in ³	Melt
	1.20 g/cc	0.0434 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	3s; ISO 868
Hardness, Shore D	33	33	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
	5.00 MPa	725 psi	ISO 527-1/-2
	@Strain 100 %	@Strain 100 %	
Elongation at Break	15.0 MPa	2180 psi	ISO 527-1/-2
	@Strain 300 %	@Strain 300 %	
Elongation at Break	>= 300 %	>= 300 %	ISO 527-1/-2
Abrasion	25	25	mm ³ ; ISO 4649
Compression Set	15 %	15 %	ISO 815
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Compression Set	42 %	42 %	ISO 815
	@Temperature 70.0 °C	@Temperature 158 °F	

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.70 J/g-°C	0.406 BTU/lb-°F	Melt
Thermal Conductivity	0.140 W/m-K	0.972 BTU-in/hr-ft ² -°F	Melt

Processing Properties	Metric	English	Comments
Melt Temperature	190 - 210 °C	374 - 410 °F	
Mold Temperature	20.0 - 40.0 °C	68.0 - 104 °F	
Ejection Temperature	50.0 °C	122 °F	

Descriptive Properties	Value	Comments
Availability	Asia Pacific	
	Europe	
	India	
	Near East/Africa	
	South and Central America	
Eff. thermal diffusivity (m ² /s)	8E-08	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China