

Covestro Desmopan® 9385 Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:
Extrusion- and injection molding gradevery good hydrolysis and microbial resistancegood low-temperature flexibilitycomplies with VDE 0282-10ApplicationCable sheathingsHosesnon-reinforcedPreprocessingMax. Water content

Order this product through the following link:
http://www.lookpolymers.com/polymer_Covestro-Desmopan-9385-Polyurethane.php

Physical Properties	Metric	English	Comments
Density	0.980 g/cc	0.0354 lb/in³	Melt
	1.12 g/cc	0.0405 lb/in³	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	86	86	3s; ISO 868
Hardness, Shore D	35	35	15s; ISO 868
Abrasion	25	25	mm³; ISO 4649
Compression Set	25 % @Temperature 23.0 °C	25 % @Temperature 73.4 °F	ISO 815
	43 % @Temperature 70.0 °C	43 % @Temperature 158 °F	ISO 815

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.70 J/g-°C	0.406 BTU/lb-°F	Melt
Thermal Conductivity	0.133 W/m-K	0.923 BTU-in/hr-ft²-°F	Melt

Processing Properties	Metric	English	Comments
Melt Temperature	180 - 205 °C	356 - 401 °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	

Descriptive Properties	Value	Comments
	Near East/Africa	
	South and Central America	
Eff. thermal diffusivity (m ² /s)	7.98E-08	
Feature	Lubricants	
	Release agent	
Form	Pellets	
Process	Injection Molding	
	Other Extrusion	

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