

Covestro Desmopan® W DP 85085A Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

injection molding gradeno yellowing under the action of UV lightimproved microbial resistancegood low-temperature flexibilityImproved hydrolysis resistanceApplicationautomotive interior applicationsPreprocessingMax. Water content

Order this product through the following link:

http://www.lookpolymers.com/polymer_Covestro-Desmopan-W-DP-85085A-Polyurethane.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in ³	Melt
	1.13 g/cc	0.0408 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	3s; ISO 868
Abrasion	28	28	mm ³ ; ISO 4649
Compression Set	18 % @Temperature 23.0 °C	18 % @Temperature 73.4 °F	ISO 815
	42 % @Temperature 70.0 °C	42 % @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	0.131 W/m-K	0.909 BTU-in/hr-ft ² -°F	Melt

Processing Properties	Metric	English	Comments
Melt Temperature	190 - 220 °C	374 - 428 °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	

Descriptive Properties	ValueEast/Africa	Comments
	North America	
	South and Central America	
Eff. thermal diffusivity (m²/s)	8E-08	

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