

Covestro Desmopan® 392 Thermoplastic Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP , Thermoplastic Polyurethane (TPUR), Polyester Grade

Material Notes:

Desmopan 392 is a TPU on the basis of a standard ester. Applications: Bellows, pressure hoses, seals, profiles, technical automotive parts. Information provided by Bayer. As of 1 September 2015, Bayer Material Science 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-392-Thermoplastic-Polyurethane.php

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in³	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	92	92	DIN 53505
Hardness, Shore D	40	40	DIN 53505
Elongation at Break	>= 50 %	>= 50 %	Nominal
Compression Set	25 %	25 %	70 hr; 22°C
	41 %	41 %	24 hr
	@Temperature 70.0 °C	@Temperature 158 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	180 µm/m-°C	100 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Flammability, UL94	HB	HB	
	@Thickness 1.60 mm	@Thickness 0.0630 in	

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