

Covestro Desmopan® 356 Thermoplastic Polyurethane

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

Material Notes:

Desmopan 356 is a TPU on the basis of a standard ester. Applications: Ski boots, castors, shoe heels, technical injection molding 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-356-Thermoplastic-Polyurethane.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	55	55	DIN 53505
Elongation at Break	>= 50 %	>= 50 %	Nominal
Compression Set	30 %	30 %	70 hr; 22°C
	50 %	50 %	24 hr
	@Temperature 70.0 °C	@Temperature 158 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	170 µm/m-°C	94.4 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	

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