

## Covestro Desmopan® 359 Thermoplastic Polyurethane (discontinued \*\*)

Categories: [Polymer](#); [Thermoplastic](#); [Polyurethane, TP](#); [Thermoplastic Polyurethane \(TPUR\)](#), [Polyester Grade](#)

**Material Notes:** Desmopan 359 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 MaterialScience was separated from Bayer AG and officially adopted its new name – Covestro.

**Key Words:** TPUR


**Vendors:** No vendors are listed for this material. Please [click here](#) if you are a supplier and would like information on how to add your listing to this material.

Physical Properties	Metric	English	Comments
Density	<a href="#">1.23</a> g/cc	<a href="#">0.0444</a> lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	59	59	DIN 53505
Elongation at Break	>= 50 %	>= 50 %	Nominal
Compression Set	60 % @Temperature 70.0 °C	60 % @Temperature 158 °F	24 hr
	30 % @Temperature 22.0 °C, @Temperature 71.6 °F, Time 252000 sec	30 % Time 70.0 hour	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	<a href="#">181</a> µm/m-°C @Temperature 20.0 °C	<a href="#">101</a> µin/in-°F @Temperature 68.0 °F	

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Materials flagged as discontinued (  ) are no longer part of the manufacturer's standard product line according to our latest information. These materials may be available by special order, in distribution inventory, or reinstated as an active product. Data sheets from materials that are no longer available remain in MatWeb to assist users in finding replacement materials.

Users of our Advanced Search (registration required) may exclude discontinued materials from search results.

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