

## Desmopan 1045D TPU

Covestro Deutschland AG

- injection molding grade
- hydrolysis-stabilised
- high mechanical strength
- Injection molded engineering parts
- Ear-tags
- Shoe heels

Mechanical Properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Compression Set under constant strain, 23 °C	24	%	ISO 815
Compression Set under constant strain, 70 °C	39	%	ISO 815
Compression Set under constant strain, 100 °C	25	%	ISO 815
Abrasion resistance	11	mm <sup>3</sup>	ISO 4649
Shore Hardness D (15s)	46	-	ISO 868

Other Properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Density	1220	kg/m <sup>3</sup>	ISO 1183

### Characteristics

#### Processing

Injection Molding, Sheet Extrusion

#### Injection Molding

##### PREPROCESSING

Max. water content: 0.05 %  
 Max. drying temperature: 110 °C  
 Drying time:  
 Dry air dryer 1-2 h

##### PROCESSING

Melt temperature: 210-230 °C  
 Mold temperature: 20-40 °C

### Disclaimer

#### Liability Exclusion

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