



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
ISO Data			
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 ³	ISO 4649
Shore Hardness D (15s)	46	-	ISO 868

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1220	kg/m ³	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