



Desmopan 3856D

TPU

Covestro Deutschland AG

- injection molding grade
- modified with ABS
- good low-temperature flexibility
- good wear resistance
- Application
- Ski boot shells
- Injection molded engineering parts

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Abrasion resistance	30	mm ³	ISO 4649
Shore Hardness D (15s)	55	-	ISO 868

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1200	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Special Characteristics

Impact modified

Injection Molding

PREPROCESSING

Max. water content: 0.05 %

Max. drying temperature: 100 °C

Drying time:

Dry air dryer 1-2 h

PROCESSING

Melt temperature: 240 °C

Mold temperature: 45 °C