



Desmopan 1092A

TPU

Covestro Deutschland AG

- injection molding grade
- hydrolysis-stabilised
- high mechanical strength
- Application
- Shift lever balls
- Roller tires
- Coupling elements
- Shoe heels

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Compression Set under constant strain, 23 °C	25	%	ISO 815
Compression Set under constant strain, 70 °C	41	%	ISO 815
Compression Set under constant strain, 100 °C	27	%	ISO 815
Abrasion resistance	11	mm ³	ISO 4649
Shore Hardness A (15s)	93	-	ISO 868
Shore Hardness D (15s)	42	-	ISO 868

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1210	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Injection Molding

PREPROCESSING

Max. water content: 0.05 %

Max. drying temperature: 110 °C

Drying time:

Dry air dryer 1-2 h

PROCESSING

Melt temperature: 190-230 °C

Mold temperature: 20-40 °C