



Desmopan 786 S

TPU

Covestro Deutschland AG

- injection molding grade
- very good hydrolysis and microbial resistance
- high mechanical strength
- good low-temperature flexibility
- Application
- Toys
- Technical parts

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Compression Set under constant strain, 23 °C	30	%	ISO 815
Compression Set under constant strain, 70 °C	40	%	ISO 815
Compression Set under constant strain, 100 °C	30	%	ISO 815
Abrasion resistance	40	mm ³	ISO 4649
Shore Hardness A (15s)	86	-	ISO 868
Shore Hardness D (15s)	33	-	ISO 868

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1150	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Additives

Release agent

Delivery form

Pellets

Injection Molding

PREPROCESSING

Max. water content: 0.05 %
Max. drying temperature: 80 °C
Drying time:
Dry air dryer 1-2 h

PROCESSING

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