

Desmopan® 33095AU DPS300

TPU

Grade is obsolete.

Covestro Deutschland AG

Product Texts

Product Description

Injection molding grade; short cycle times; bio-based TPU; hydrolysis-stabilized with special UV stabilizers

Application

sport shoes

Processing Information

Injection molding:

Melt temperature: 195 - 215°C

Mold temperature: 20 - 40°C

Maximum drying temperature: 110°C

Property	Value	Unit	Standard
Stress at 100 % strain	12.0	MPa	DIN 53504
Stress at 300 % strain	25.0	MPa	DIN 53504

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	52	MPa	ISO 37
Strain at break	480	%	ISO 37
Tear strength	130	kN/m	ISO 34-1
Abrasion resistance	70	mm ³	ISO 4649
Shore A hardness	95	-	ISO 7619-1
Shore D hardness	46	-	ISO 7619-1

Other properties	Value	Unit	Test Standard
Density	1280	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Certifications

Contains renewable resources

Special Characteristics

U.V. stabilized or stable to weather

Applications

Sports Equipment

Chemical Resistance

Hydrolytically Stable

Regional Availability

Asia Pacific