

## Desmopan® 33085AU DPS300

TPU

Grade is obsolete.

Covestro Deutschland AG

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tear strength	90	kN/m	ISO 34-1
Abrasion resistance	120	mm <sup>3</sup>	ISO 4649
Shore A hardness	87	-	ISO 7619-1
<b>Other Standards<sup>[5]</sup></b>			
Tensile Strength	42	MPa	
Stress at 100% elongation	5	MPa	
Stress at 300% elongation	8.5	MPa	
Strain at break TPE	>300	%	

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	1270	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	≤100	°C	-
Melt temperature	165 - 185	°C	-
Mold temperature	20 - 40	°C	-

### Characteristics

#### Processing

Injection Molding

#### Special Characteristics

U.V. stabilized or stable to weather

#### Chemical Resistance

Hydrolytically Stable

#### Certifications

Contains renewable resources

#### Applications

Sports Equipment

#### Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa