

# Desmopan 9385AU DPS650

TPU

Covestro Deutschland AG

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tear strength	120	kN/m	ISO 34-1
Shore A hardness	87	-	ISO 7619-1
<b>Other Standards<sup>S1</sup></b>			
Stress at 100% elongation	6.2	MPa	DIN 53504
Stress at 300% elongation	12.5	MPa	DIN 53504
Stress at break TPE	46	MPa	DIN 53504
Strain at break TPE	540	%	DIN 53504

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

Other properties	Value	Unit	Test Standard
Density	1120	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 110	°C	-
Melt temperature	185 - 210	°C	-
Mold temperature	20 - 40	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 110	°C	-
Melt temperature	180 - 210	°C	-

## Characteristics

### Processing

Injection Molding, Wire/Cable Extrusion, Other Extrusion

### Features

Fungus Resistance

### Chemical Resistance

Hydrolytically Stable

### Regional Availability

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