

Desmopan 9385A DPS144

TPU

Covestro Deutschland AG

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tear strength	130	kN/m	ISO 34-1
Abrasion resistance	40	mm ³	ISO 4649
Shore A hardness	87	-	ISO 7619-1
Other Standards^[S]			
Tensile Strength	52	MPa	DIN 53504
Stress at 100% elongation	6.8	MPa	DIN 53504
Stress at 300% elongation	17	MPa	DIN 53504
Strain at break TPE	500	%	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	1110	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<100	°C	-
Melt temperature	185 - 205	°C	-
Mold temperature	20 - 40	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	<100	°C	-
Melt temperature	175 - 205	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Features

Fungus Resistance

Chemical Resistance

Hydrolytically Stable

Regional Availability

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