



Desmopan 9385A GMP

TPU

Covestro Deutschland AG

- Extrusion- and injection molding grade
- very good hydrolysis and microbial resistance
- good low-temperature flexibility
- complies with VDE 0282-10
- This product is manufactured under Good Manufacturing Practice (GMP defined in Regulation (EC) No. 2023/2006) and is therefore limited suitability for use with food contact. Please refer our separate certificate at <http://www.tpu.covestro.com/en/Library/Certificates/Food-Contact.aspx>.
- Application
- Cable sheathings
- Hoses, non-reinforced

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	45	cm ³ /10min	ISO 1133
Temperature	190	°C	-
Load	21.6	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Compression Set under constant strain, 23 °C	25	%	ISO 815
Compression Set under constant strain, 70 °C	41	%	ISO 815
Compression Set under constant strain, 100 °C	30	%	ISO 815
Abrasion resistance	25	mm ³	ISO 4649
Shore Hardness A (15s)	86	-	ISO 868
Shore Hardness D (15s)	35	-	ISO 868
Tensile Strength	39.1	MPa	ISO 37
Strain at Break	597	%	ISO 37

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1120	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	≤80	°C	-
Melt temperature	205 - 225	°C	-
Mold temperature	20 - 40	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	≤80	°C	-
Melt temperature	195 - 215	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion, Wire/Cable Extrusion

Chemical Resistance

Hydrolysis

Certifications

Food approval, Food approval 1935/2004/EC, Food approval 10/2011, Food Contact (FDA)