Desmopan 2590A GMP

TPU

Covestro Deutschland AG

- Extrusion- and injection molding grade
- does not contain any anti-hydrolysis agent
- 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
- Blown films

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Compression Set under constant strain, 23°C	24	%	ISO 815
Compression Set under constant strain, 70°C	52	%	ISO 815
Compression Set under constant strain, 100°C	39	%	ISO 815
Abrasion resistance	60	mm³	ISO 4649
Shore Hardness A (15s)	92	-	ISO 868
Tensile Strength	48.9	MPa	ISO 37
Strain at Break	442	%	ISO 37

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1210	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	≤80	°C	-
Melt temperature	210 - 230	°C	-
Mold temperature	20	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	≤80	°C	-
Melt temperature	190 - 210	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion, Blown Film Extrusion

Certifications

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

Disclaimer