

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	mm ³	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/m ³	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

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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Important: irrespective of product type or designation, ALBIS does not recommend or support the use of any products it supplies which fall into the following medical, pharmaceutical or diagnostic application categories:

- risk class III applications according to EU directive 93/42/EEC
- any bodily implant application for greater than 30 days
- any critical component in any medical device that supports or sustains human life.

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