



Desmopan 9365D GMP (TPU-ARET)

Covestro Deutschland AG

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.

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Flexural Modulus (23 °C)	335	MPa	ISO 178
Shore Hardness D (15s)	66	-	ISO 868
Tensile Strength	58	MPa	ISO 37
Strain at Break	342	%	ISO 37
Tensile Stress (10% Elongation)	20	MPa	DIN 53504
Stress at 100% Elongation	30	MPa	DIN 53504
Stress at 300% Elongation	50	MPa	DIN 53504

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110	°C	-
Melt temperature	230 - 240	°C	-
Mold temperature	60	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	110	°C	-
Melt temperature	210 - 240	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Certifications

Food approval, 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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- 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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