

Desmopan 9380AU TPU

Covestro Deutschland AG

- Extrusion- and injection molding grade
- very good hydrolysis and microbial resistance
- good low-temperature flexibility
- complies with VDE 0282-10
- with special UV stabilizers
- Application
- Cable sheathings
- Hoses, non-reinforced
- Technical parts

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	42	%	ISO 815
Abrasion resistance	20	mm ³	ISO 4649
Shore Hardness A (15s)	80	-	ISO 868
Shore Hardness D (15s)	31	-	ISO 868

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1110	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	1 - 2	h	-
Processing humidity	≤0.05	%	-
Melt temperature	200 - 230	°C	-
Mold temperature	20 - 40	°C	-

Characteristics

Processing

Injection Molding, Profile Extrusion, Sheet Extrusion, Other Extrusion

Chemical Resistance

Hydrolysis

Special Characteristics

UV stabilized

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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