

Desmopan 9650DU

TPU

Covestro Deutschland AG

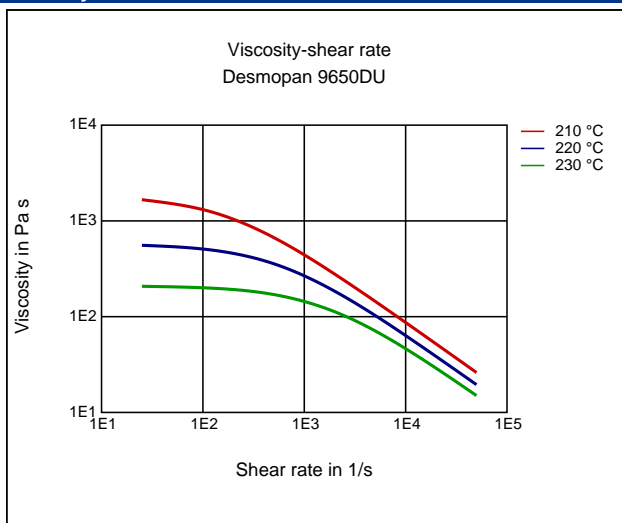
- Extrusion- and injection molding grade
- with special UV stabilizers
- transparent up to 6 mm wall thickness
- very good hydrolysis and microbial resistance
- Application
- Ski boot shells
- Hoses, non-reinforced

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Compression Set under constant strain, 23 °C	23	%	ISO 815
Compression Set under constant strain, 70 °C	44	%	ISO 815
Compression Set under constant strain, 100 °C	27	%	ISO 815
Abrasion resistance	25	mm ³	ISO 4649
Shore Hardness A (15s)	96	-	ISO 868
Shore Hardness D (15s)	53	-	ISO 868

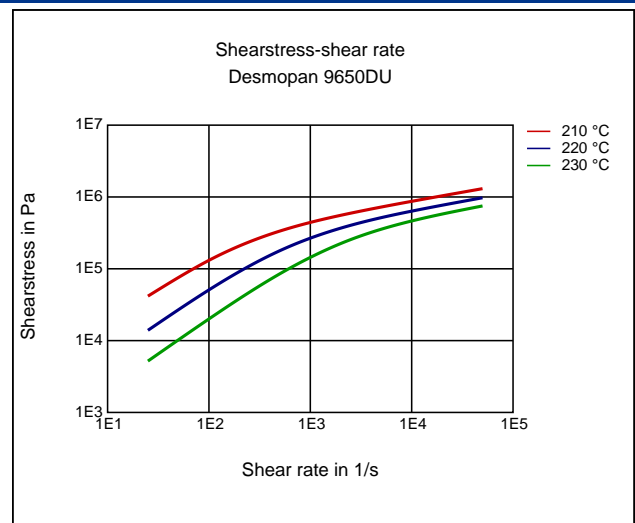
Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1160	kg/m ³	ISO 1183

Diagrams

Viscosity-shear rate



Shearstress-shear rate



Characteristics

Processing

Injection Molding, Profile Extrusion, Sheet Extrusion, Other Extrusion

Special Characteristics

Transparent

Injection Molding

PREPROCESSING

Max. water content: 0.05 %
Max. drying temperature: 110 °C
Drying time:
Dry air dryer 1-2 h

PROCESSING

Melt temperature: 210-240 °C
Mold temperature: 40-60 °C

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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