



Desmopan 9395AU DPS650 TPU

Covestro Deutschland AG

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tear strength	130	kN/m	ISO 34-1
Abrasion resistance	50	mm ³	ISO 4649
Shore Hardness A (15s)	95	-	ISO 868
Shore Hardness D (15s)	48	-	ISO 868
Tensile Strength	42	MPa	ISO 37
Strain at Break	420	%	ISO 37
Stress at 100% Elongation	13	MPa	DIN 53504
Stress at 300% Elongation	28	MPa	DIN 53504

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1140	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	≤110	°C	-
Melt temperature	190 - 210	°C	-
Mold temperature	20 - 40	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	≤110	°C	-
Melt temperature	185 - 215	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Features

Fungus Resistance

Special Characteristics

UV stabilized

Chemical Resistance

Hydrolysis

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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