

**Desmopan 6064A**

TPU

Covestro Deutschland AG

- Injection molding grade
 - free from plasticizers
 - easy flowing
 - very good hydrolysis and microbial resistance
 - low abrasion
 - opaque to translucent
- Application:
- Cylindrical pellets
 - automotive interior applications
 - hard - soft systems
 - Shoe soles

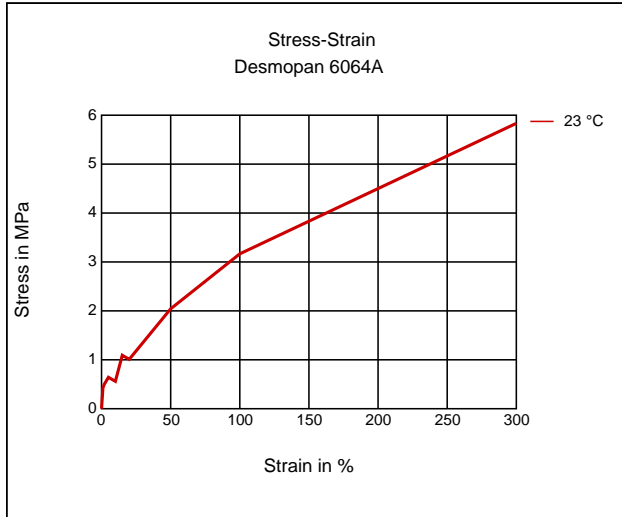
Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Stress (10% Elongation)	0.6	MPa	ISO 527
Stress at 100% Elongation	3.2	MPa	ISO 527
Stress at 300% Elongation	6	MPa	ISO 527
Stress at Break TPE	23	MPa	ISO 527
Strain at Break TPE	>300	%	ISO 527
Compression Set under constant strain, 70 °C	41	%	ISO 815
Tear strength	29	kN/m	ISO 34-1
Abrasion resistance	33	mm ³	ISO 4649
Shore Hardness A (15s)	67	-	ISO 868

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1090	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 - 220	°C	-
Mold temperature	20 - 40	°C	-

Diagrams

Stress-Strain (TPE)



Characteristics

Processing

Injection Molding

Injection Molding

PREPROCESSING

Max. water content: 0.05 %

Max. drying temperature: 80 °C

Drying time:

Dry air dryer 1-2 h

PROCESSING

Melt temperature: 200-220 °C

Mold temperature: 20-40 °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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