

# Elastollan® S 64 D 50

## Thermoplastic Polyurethane Elastomer (Polyester)

### Elastogran GmbH

General				
Material Status	• Commercial: Active			
Availability	• Europe			
Forms	• Pellets			
Physical		Nominal Value	Unit	Test Method
Density		1.26	g/cm <sup>3</sup>	ISO 1183
Mechanical		Nominal Value	Unit	Test Method
Tensile Modulus		410	MPa	ISO 527-2
Tensile Stress (Break)		45.0	MPa	ISO 527-2
Tensile Strain (Break)		450	%	ISO 527-2
Elastomers		Nominal Value	Unit	Test Method
Tensile Stress				ISO 37
100% Strain		23.0	MPa	
300% Strain		38.0	MPa	
Tear Strength		200	kN/m	ISO 34-1
Compression Set				ISO 815
23°C		45	%	
70°C		55	%	
Impact		Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)		No Break		ISO 179
Hardness		Nominal Value	Unit	Test Method
Shore Hardness (Shore D)		64		ISO 868
Additional Information				
Note: These properties were tested in accordance with the DIN test standard.				
Stress at 20% elongation, DIN 53504: 22 Mpa				
Abrasion Loss, DIN 53516: 25 mm <sup>3</sup>				

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

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