

# Elastollan® 1195 A 55

## Thermoplastic Polyurethane Elastomer (Polyether)

### Elastogran GmbH

General				
Material Status	• Commercial: Active			
Availability	• Europe			
Features	• Bacteria Resistant	• Hydrolysis Resistant		
Forms	• Pellets			
Physical		Nominal Value	Unit	Test Method
Density		1.15	g/cm <sup>3</sup>	ISO 1183
Mechanical		Nominal Value	Unit	Test Method
Tensile Stress (Break)		55.0	MPa	ISO 527-2
Tensile Strain (Break)		500	%	ISO 527-2
Elastomers		Nominal Value	Unit	Test Method
Tensile Stress				ISO 37
100% Strain		10.0	MPa	
300% Strain		18.0	MPa	
Tear Strength		100	kN/m	ISO 34-1
Compression Set				ISO 815
23°C		30	%	
70°C		45	%	
Impact		Nominal Value	Unit	Test Method
Charpy Notched Impact Strength				ISO 179
-30°C		No Break		
23°C		No Break		
Hardness		Nominal Value	Unit	Test Method
Shore Hardness				ISO 868
Shore A		96		
Shore D		48		
Additional Information				

Note: These properties were tested in accordance with the DIN test standard.  
 Stress at 20% elongation, DIN 53504: 6 Mpa  
 Abrasion Loss, DIN 53516: 25 mm<sup>3</sup>  
 Tensile Strength After Storage in Water, DIN 53504, 80°C for 42 days: 37 Mpa  
 Elongation at Break After Storage in Water, DIN 53504, 80°C for 42 days: 500 %

#### Notes

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

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

如需要更多物性资料请查阅 [www.kedisujiao.com](http://www.kedisujiao.com)

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