

# Elastollan® 1185 A 10 U

## Thermoplastic Polyurethane Elastomer (Polyether)

### Elastogran GmbH

General		
Material Status	• Commercial: Active	
Availability	• Europe	
Additive	• UV Stabilizer	
Features	• Bacteria Resistant	• Hydrolysis Resistant
Forms	• Pellets	

Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	45.0	MPa	ISO 527-2
Tensile Strain (Break)	600	%	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	65	kN/m	ISO 34-1
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	87		
Shore D	36		

#### Additional Information

Note: These properties were tested in accordance with the DIN test standard.  
Abrasion Loss, DIN 53516: 30 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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