



Friday, March 10, 2017

## Elastollan® 1185 A 10 U

BASF Polyurethanes GmbH - Thermoplastic Polyurethane Elastomer (Polyether)

### General Information

#### General

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

### ASTM and ISO Properties<sup>1</sup>

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density	1.12	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Tensile Stress (Break)	45.0	MPa	ISO 527-2
Tensile Strain (Break)	600	%	ISO 527-2
<b>Elastomers</b>			
Tear Strength	65	kN/m	ISO 34-1
<b>Impact</b>			
Charpy Notched Impact Strength			ISO 179
-30°C	No Break		
23°C	No Break		
<b>Hardness</b>			
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>2</sup>

#### Notes

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



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