



**Elastollan® 1185 A 10 U**  
BASF Polyurethanes GmbH - Thermoplastic Polyurethane Elastomer (Polyether)

Friday, March 10, 2017

General Information			
General			
Material Status	• Commercial: Active		
Additive	• UV Stabilizer		
Features	• Bacteria Resistant	• Hydrolysis Resistant	
Forms	• Pellets		
ASTM and ISO Properties <sup>1</sup>			
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm³	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 mm³

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

