

**Elastollan® B 80 A 15**  
**Thermoplastic Polyurethane Elastomer (Polyester)**  
 BASF Polyurethanes GmbH [Web](#)



#### General

Material Status	• Commercial: Active
Literature <sup>1</sup>	• <a href="#">Processing - Elastollan (English)</a>
Search for UL Yellow Card	• <a href="#">BASF Polyurethanes GmbH</a> • <a href="#">Elastollan®</a>
Availability	• Europe
Forms	• Pellets

Physical	Nominal Value	Unit	Test Method
Density	1.19	g/cm <sup>3</sup>	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	82		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	50.0	MPa	ISO 527-2
Tensile Strain (Break)	600	%	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 37
100% Strain	4.60	MPa	
300% Strain	15.0	MPa	
Tear Strength	80	kN/m	ISO 34-1

#### Additional Information

Note: These properties were tested in accordance with the DIN test standard.

Stress at 20% elongation, DIN 53504: 2.4 Mpa

Abrasion Loss, DIN 53516: 35 mm<sup>3</sup>

#### Notes

<sup>1</sup> These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.



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#### Revision History

Added to Prospector: May 2005  
 Last Updated: 06/05/2005

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