

Elastollan® C 65 A 15HPM

Thermoplastic Polyurethane Elastomer (Polyester)

BASF Polyurethanes GmbH

Technical Data

General

Material Status	• Commercial: Active
Availability	• Europe
Features	• Fast Molding Cycle
Forms	• Pellets

Physical	Nominal Value Unit	Test Method
Density	1.19 g/cm³	ISO 1183

Mechanical	Nominal Value Unit	Test Method
Tensile Stress (Break)	40.0 MPa	ISO 527-2
Tensile Strain (Break)	800 %	ISO 527-2

Elastomers	Nominal Value Unit	Test Method
Tensile Stress		ISO 37
100% Strain	2.10 MPa	
300% Strain	3.80 MPa	
Tear Strength	40 kN/m	ISO 34-1
Compression Set		ISO 815
23°C	18 %	
70°C	31 %	
100°C	50 %	

Hardness	Nominal Value Unit	Test Method
Shore Hardness (Shore A)	65	ISO 868

Thermal	Nominal Value Unit	Test Method
Vicat Softening Temperature	83.0 °C	ISO 306/A120

Additional Information

Note: These properties were tested in accordance with the DIN test standard.
Stress at 20% elongation, DIN 53504: 1.3 Mpa
Abrasion Loss, DIN 53516: 40 mm³

Notes

¹ Typical properties: these are not to be construed as specifications.





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