

Elastollan® C 85 A 15HPM

Thermoplastic Polyurethane Elastomer (Polyester)

Elastogran GmbH

General		
Material Status	• Commercial: Active	
Availability	• Europe	
Features	• Fast Molding Cycle	• High Heat Resistance
Forms	• Pellets	

Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	48.0	MPa	ISO 527-2
Tensile Strain (Break)	630	%	ISO 527-2

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 37
100% Strain	6.00	MPa	
300% Strain	11.0	MPa	
Tear Strength	70	kN/m	ISO 34-1
Compression Set			ISO 815
23°C	12	%	
70°C	27	%	
100°C	50	%	

Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	85		ISO 868

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	130	°C	ISO 306/A120

Additional Information

Note: These properties were tested in accordance with the DIN test standard.
 Abrasion Loss, DIN 53516: 40 mm³
 Stress at 50% elongation, DIN 53504: 3.5 Mpa

Notes

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

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

如需要更多物性资料请查阅 www.kedisujiao.com

备注：以上原料物性数据由IDES发布,我公司仅提供参考！数据如有变动，请联系原料生产厂家获知。我公司不承担任何法律责任！