

Elastollan® C 70 A 15HPM

Thermoplastic Polyurethane Elastomer (Polyester)

Elastogran GmbH

General				
Material Status	• Commercial: Active			
Availability	• Europe			
Features	• Fast Molding Cycle			
Forms	• Pellets			
Physical		Nominal Value	Unit	Test Method
Density		1.17	g/cm ³	ISO 1183
Mechanical		Nominal Value	Unit	Test Method
Tensile Stress (Break)		45.0	MPa	ISO 527-2
Tensile Strain (Break)		730	%	ISO 527-2
Elastomers		Nominal Value	Unit	Test Method
Tensile Stress				ISO 37
100% Strain		2.70	MPa	
300% Strain		4.80	MPa	
Tear Strength		42	kN/m	ISO 34-1
Compression Set				ISO 815
23°C		14	%	
70°C		26	%	
100°C		43	%	
Hardness		Nominal Value	Unit	Test Method
Shore Hardness (Shore A)		71		ISO 868
Thermal		Nominal Value	Unit	Test Method
Vicat Softening Temperature		94.0	°C	ISO 306/A120
Additional Information				
Note: These properties were tested in accordance with the DIN test standard.				
Stress at 20% elongation, DIN 53504: 1.6 Mpa				
Abrasion Loss, DIN 53516: 34 mm ³				

Notes

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

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

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