

Elastollan® C 95 A 50

Thermoplastic Polyurethane Elastomer (Polyester)

Elastogran GmbH

General				
Material Status	• Commercial: Active			
Availability	• Europe			
Forms	• Pellets			
Physical		Nominal Value	Unit	Test Method
Density		1.21	g/cm ³	ISO 1183
Mechanical		Nominal Value	Unit	Test Method
Tensile Stress (Break)		55.0	MPa	ISO 527-2
Tensile Strain (Break)		550	%	ISO 527-2
Elastomers		Nominal Value	Unit	Test Method
Tensile Stress				ISO 37
100% Strain		11.0	MPa	
300% Strain		22.0	MPa	
Tear Strength		120	kN/m	ISO 34-1
Compression Set				ISO 815
23°C		30	%	
70°C		45	%	
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		96		
Shore D		47		
Additional Information				

Note: These properties were tested in accordance with the DIN test standard.
 Stress at 20% elongation, DIN 53504: 8 Mpa
 Abrasion Loss, DIN 53516: 25 mm³
 Tensile Strength After Storage in Water, DIN 53504, 80°C for 21 days: 40 Mpa
 Elongation at Break After Storage in Water, DIN 53504, 80°C for 21 days: 500 %

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

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