

Elastollan® 1190 A 10

Thermoplastic Polyurethane Elastomer (Polyether)

Elastogran GmbH

General				
Material Status	• Commercial: Active			
Availability	• Europe			
Features	• Bacteria Resistant	• Hydrolysis Resistant		
Forms	• Pellets			
Physical		Nominal Value	Unit	Test Method
Density		1.14	g/cm ³	ISO 1183
Mechanical		Nominal Value	Unit	Test Method
Tensile Stress (Break)		50.0	MPa	ISO 527-2
Tensile Strain (Break)		550	%	ISO 527-2
Elastomers		Nominal Value	Unit	Test Method
Tensile Stress				ISO 37
100% Strain		8.50	MPa	
300% Strain		16.0	MPa	
Tear Strength		85	kN/m	ISO 34-1
Compression Set				ISO 815
23°C		25	%	
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		92		
Shore D		42		
Additional Information				

Note: These properties were tested in accordance with the DIN test standard.
 Stress at 20% elongation, DIN 53504: 4.5 Mpa
 Abrasion Loss, DIN 53516: 25 mm³
 Tensile Strength After Storage in Water, DIN 53504, 80°C for 42 days: 35 Mpa
 Elongation at Break After Storage in Water, DIN 53504, 80°C for 42 days: 600 %

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！