

Elastollan® LP 9062

Thermoplastic Polyurethane Elastomer (Ester/Ether)

Elastogran GmbH

General	
Material Status	• Commercial: Active
Availability	• Europe
Appearance	• Natural Color
Forms	• Pellets

Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Molding Shrinkage	0.80 to 1.6	%	ISO 294-4

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700	MPa	ISO 527-2
Tensile Stress (Break)	50.0	MPa	ISO 527-2
Tensile Strain (Break)	250	%	ISO 527-2

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	40.0	MPa	ISO 37
Tear Strength	260	kN/m	ISO 34-1

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	10	kJ/m ²	
23°C	25	kJ/m ²	

Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	80		ISO 868

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	170	°C	ISO 306/A50
--	85.0	°C	ISO 306/B50
Melting Temperature	220 to 240	°C	

Additional Information

Note: These properties were tested in accordance with the DIN test standard.
 Stress at 20% elongation, DIN 53504: 42 Mpa
 Abrasion Loss, DIN 53516: 40 mm³
 Tensile Strength After Storage in Water, DIN 53504, 80°C for 42 days: 40 Mpa
 Stiffness in Torsion, DIN 53447, 20°C: 290
 Stiffness in Torsion, DIN 53447, -20°C: 490
 Stiffness Factor, DIN 53447: 1.7

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！