

# Elastollan® LP 9238

## Thermoplastic Polyurethane Elastomer (Polyester)

### Elastogran GmbH

General				
Material Status	• Commercial: Active			
Availability	• Europe			
Forms	• Pellets			
Physical		Nominal Value	Unit	Test Method
Density		1.25	g/cm <sup>3</sup>	ISO 1183
Mechanical		Nominal Value	Unit	Test Method
Tensile Modulus		980	MPa	ISO 527-2
Tensile Stress (Break)		42.0	MPa	ISO 527-2
Tensile Strain (Break)		300	%	ISO 527-2
Elastomers		Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)		35.0	MPa	ISO 37
Tear Strength		250	kN/m	ISO 34-1
Impact		Nominal Value	Unit	Test Method
Charpy Notched Impact Strength				ISO 179
-20°C			9.0 kJ/m <sup>2</sup>	
23°C			No Break	
Charpy Unnotched Impact Strength				ISO 179
-20°C			No Break	
23°C			No Break	
Hardness		Nominal Value	Unit	Test Method
Shore Hardness (Shore D)		79		ISO 868
Thermal		Nominal Value	Unit	Test Method
Vicat Softening Temperature				
--			155 °C	ISO 306/A50
--			82.0 °C	ISO 306/B50

#### Additional Information

Note: These properties were tested in accordance with the DIN test standard.  
 Stress at 20% elongation, DIN 53504: 37 Mpa  
 Abrasion Loss, DIN 53516: 35 mm<sup>3</sup>  
 Stress at 10% elongation, DIN 53504: 37 Mpa  
 Stress at 50% elongation, DIN 53504: 35 Mpa  
 Stress at 150% elongation, DIN 53504: 35 Mpa

#### Notes

<sup>1</sup> 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](http://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！