

Elastollan® R 2005/1

Thermoplastic Polyurethane Elastomer (Ester/Ether)

Elastogran GmbH

General			
Material Status	• Commercial: Active		
Availability	• Europe		
Filler / Reinforcement	• Glass Fiber Reinforcement		
Appearance	• Black		
Forms	• Pellets		
Physical			
	Nominal Value	Unit	Test Method
Density	1.35	g/cm ³	ISO 1183
Mechanical			
	Nominal Value	Unit	Test Method
Tensile Modulus	1900	MPa	ISO 527-2
Tensile Stress (Break)	65.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Impact			
	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	10	kJ/m ²	
23°C	35	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179
-20°C	40	kJ/m ²	
23°C	100	kJ/m ²	
Hardness			
	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	64		ISO 868
Thermal			
	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	150	°C	ISO 75-2/B
1.8 MPa, Unannealed	120	°C	ISO 75-2/A
CLTE - Flow (23 to 80°C)	0.000020	cm/cm/°C	ISO 11359-2
Additional Information			

Note: These properties were tested in accordance with the DIN test standard.
Residue on Ignition, DIN 53568: 20 %

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！