

Elastollan® LP 9128

Thermoplastic Polyurethane Elastomer (Ester/Ether)

Elastogran GmbH

General	
Material Status	• Commercial: Active
Availability	• Europe
Filler / Reinforcement	• Glass Fiber Reinforcement
Additive	• UV Stabilizer
Appearance	• Natural Color
Forms	• Pellets

Physical	Nominal Value	Unit	Test Method
Density	1.31	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Molding Shrinkage	0.050 to 0.30	%	ISO 294-4

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3500	MPa	ISO 527-2
Tensile Stress (Break)	75.0	MPa	ISO 527-2
Tensile Strain (Break)	15	%	ISO 527-2

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
	-20°C	10	
	23°C	25	kJ/m ²
Charpy Unnotched Impact Strength			ISO 179
	-20°C	55	
	23°C	65	kJ/m ²

Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	78		ISO 868

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	0.45 MPa, Unannealed	165	°C
	1.8 MPa, Unannealed	120	°C
Melting Temperature	230 to 250	°C	
CLTE - Flow (23 to 80°C)	> 0.000030	cm/cm/°C	ISO 11359-2

Additional Information	
Note: These properties were tested in accordance with the DIN test standard.	

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！