

Elastollan® L 785 A 10 000

Thermoplastic Polyurethane Elastomer (Polyester)

BASF Polyurethanes GmbH

Message:

Highly transparent, aliphatic, light-resistant, thermoplastic Polyester-Polyurethane.

General Information			
Features	aliphatic		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183/A
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	86		ISO 7619
Mechanical	Nominal Value	Unit	Test Method
Abrasion Loss	245	mm ³	ISO 4649-A
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			DIN 53504-S2
20% strain	1.80	MPa	DIN 53504-S2
100% strain	4.00	MPa	DIN 53504-S2
300% strain	10.0	MPa	DIN 53504-S2
Tensile Stress (Yield)	28.0	MPa	DIN 53504-S2
Tensile Elongation (Break)	500	%	DIN 53504-S2
Tear Strength ¹	65	kN/m	ISO 34-1
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	140 - 160	°C	
Cylinder Zone 2 Temp.	145 - 165	°C	
Cylinder Zone 3 Temp.	150 - 170	°C	
Cylinder Zone 4 Temp.	155 - 175	°C	
Adapter Temperature	160 - 180	°C	
Melt Temperature	180 - 230	°C	
Die Temperature	160 - 180	°C	
NOTE			

1.

Method B, right-angle specimen (cut)

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