

Elastollan® 885 AN

Thermoplastic Polyurethane Elastomer (Polyester)

BASF Polyurethanes GmbH

Message:

Transparent, Thermoplastic Polyester Polyurethane Elastomers with excellent mechanical properties, outstanding wear resistance, good damping and resilience performance.
Typical applications
Decorative parts and damping elements for the sport shoe industry, Ski tips, tubes and Films.

General Information	
Features	Good Wear Resistance
	Resilient
Uses	Decorative Parts
	Film
	Footwear
	Sporting Goods
	Tubing
Appearance	Clear/Transparent
Processing Method	Blow Molding
	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	1.21	g/cm ³	ISO 1183/A
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 3 sec)	87		ISO 7619
Mechanical	Nominal Value	Unit	Test Method
Abrasion Loss	35.0	mm ³	ISO 4649-A
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	45.0	MPa	DIN 53504
Tensile Elongation (Break)	600	%	DIN 53504
Tear Strength ¹	85	kN/m	ISO 34-1
Injection	Nominal Value	Unit	
Processing (Melt) Temp	175 to 230	°C	
Mold Temperature	20.0 to 50.0	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	175 to 220	°C	

NOTE	
1.	Method Bb, Angle (Nicked)

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