

# Elastollan® Soft 45 A ESD

Thermoplastic Polyurethane Elastomer (Polyester)

BASF Polyurethanes GmbH

Message:

Thermoplastic Polyester-Polyurethane with excellent mechanical properties and wear resistance, good damping characteristics and a high resilience performance, plasticized, containing antistatic Additive  
Processable by injection moulding

General Information			
Additive	Antistatic		
	Plasticizer		
Features	Antistatic		
	Good Wear Resistance		
	Plasticized		
	Resilient		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm <sup>3</sup>	ISO 1183/A
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	47		ISO 7619
Mechanical	Nominal Value	Unit	Test Method
Abrasion Loss	60.0	mm <sup>3</sup>	ISO 4649-A
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	30.0	MPa	ISO 37
Tensile Elongation (Break)	900	%	ISO 37
Tear Strength <sup>1</sup>	35	kN/m	ISO 34-1
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	5.0E+7	ohms · cm	IEC 60093
NOTE			
1.	Method Bb, Angle (Nicked)		

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