

Ravathane R130A80

Thermoplastic Polyurethane Elastomer (Polyester)

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Message:

Description: Product is based on standard grade saturated polyester and has strong resilience and tear resistance, excellent abrasion resistance, higher resistance to hydrolysis failure and oxidation, good stability towards solvents and light.
Application: Auto part, shoes, cable, seals, conveyor belts, hose etc.

General Information			
Features	Good Abrasion Resistance		
	Good Tear Strength		
	Hydrolysis Resistant		
	Oxidation Resistant		
	Resilient		
Uses	Automotive Applications		
	Belts/Belt Repair		
	Conveyor Parts		
	Footwear		
	Hose		
	Seals		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.19	g/cm ³	ISO 1183/A
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	80		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Abrasion Resistance	35.0	mm ³	ISO 4649
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 37
100% Strain	4.50	MPa	
300% Strain	8.00	MPa	
Tensile Stress (Yield)	35.0	MPa	ISO 37
Tensile Elongation (Break)	620	%	ISO 37
Tear Strength ¹	90	kN/m	ISO 34-1
Injection	Nominal Value	Unit	
Drying Temperature	90.0 to 100	°C	
Rear Temperature	195	°C	
Middle Temperature	200	°C	

Front Temperature	205	°C
Nozzle Temperature	210	°C
Injection Pressure	70.0	MPa

NOTE

1. Method Bb, Angle (Nicked)

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