

# Ravathane R130A85

Thermoplastic Polyurethane Elastomer (Polyester)

RAVAGO Kimya Plastik Sanayi ve Ticaret A.S.

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: Shoes, compounding, belt etc.

General Information			
Features	Good Abrasion Resistance		
	Good Tear Strength		
	Hydrolysis Resistant		
	Oxidation Resistant		
	Resilient		
Uses	Belts/Belt Repair		
	Compounding		
	Footwear		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.19	g/cm <sup>3</sup>	ISO 1183/A
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	85		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Abrasion Resistance	35.0	mm <sup>3</sup>	ISO 4649
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 37
100% Strain	6.50	MPa	
300% Strain	13.0	MPa	
Tensile Stress (Yield)	38.0	MPa	ISO 37
Tensile Elongation (Break)	520	%	ISO 37
Tear Strength <sup>1</sup>	110	kN/m	ISO 34-1
Injection	Nominal Value	Unit	
Drying Temperature	90.0 to 100	°C	
Rear Temperature	190	°C	
Middle Temperature	195	°C	
Front Temperature	200	°C	
Nozzle Temperature	205	°C	
Injection Pressure	70.0	MPa	

## NOTE

1. Method Bb, Angle (Nicked)

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## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

