

Ravathane R130A65

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: Compounding, working shoes, transparent parts etc.

General Information			
Features	Good Abrasion Resistance		
	Good Tear Strength		
	Hydrolysis Resistant		
	Oxidation Resistant		
	Resilient		
Uses	Compounding		
	Footwear		
	Transparent Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.17	g/cm ³	ISO 1183/A
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	67		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	3.00	MPa	
300% Strain	6.50	MPa	
Tensile Stress (Yield)	25.0	MPa	ISO 37
Tensile Elongation (Break)	700	%	ISO 37
Tear Strength ¹	60	kN/m	ISO 34-1
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 100	°C	
Rear Temperature	160	°C	
Middle Temperature	170	°C	
Front Temperature	175	°C	
Nozzle Temperature	180	°C	
Injection Pressure	65.0	MPa	

NOTE

1. Method Bb, Angle (Nicked)

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