



RAVATHANE

Technical Data Sheet

R130D50

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: Wheel, shoes, injection part etc.

Typical Properties

PROPERTIES	METHOD	UNITS (English Metric)	NOMINAL VALUES
Hardness	DIN 53505 – ISO 868	Shore A-D	95A-50D
Density	DIN ISO 1183-1 A	g/cm ³	1,22
100% modulus	DIN 53504 – ISO 37	MPa	14
300% modulus	DIN 53504 – ISO 37	MPa	28
Tensile strength	DIN 53504 – ISO 37	MPa	42
Elongation at break	DIN 53504 – ISO 37	%	430
Tear strength	DIN ISO 34-1 B/b	N/mm	160
Abrasion Resistance	DIN ISO 4649	mm ³	35

Application Guideline (Injection Molding)

Nozzle (°C)	Metering (°C)	Compression (°C)	Feed (°C)	Pressure (Mpa)	Drying Temp. (°C)
220	215	210	200	70	90-100

Disclaimer: The information provided here is for reference only. We request that customers inspect and test our products before using them to satisfy themselves as to contents and suitability. We warrant that our products will meet our written specifications. All patent rights are reserved. The user is welcome to contact our customer and technical service center with questions on our products.



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