



RAVATHANE[®]

Technical Data Sheet

Ravathane[®] 130 D55C

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.

Feature: Short cycle time

Typical Properties

PROPERTIES	TEST METHOD	UNITS	VALUES
Hardness	ISO 868	Shore D	55
Density	ISO 1183-1 A	g/cm ³	1,22
100% modulus	ISO 37	MPa	20
300% modulus	ISO 37	MPa	35
Tensile strength	ISO 37	MPa	50
Elongation at break	ISO 37	%	500
Tear strength	ISO 34-1 B/b	N/mm	250
Abrasion Resistance	ISO 4649	mm ³	40

Properties have been tested on injection molded plaques conditioned 16 hours at room temperature before testing.

Application Guideline (Injection Molding)

Nozzle (°C)	Metering (°C)	Compression (°C)	Feed (°C)
220	220	220	215

Before processing, the pellets have to be dried at 80-90 °C for 2-4 hours. Maximum moisture content should be below 0.02%.