



RAVATHANE[®]

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Description: Polyester based aromatic thermoplastic polyurethane with excellent abrasion and tear resistance, hydrolytic stability, toughness, heat, oil, and solvent resistance.

Application: Conveyor belt, hose and tubing, and profile extrusion.

Typical Properties

PROPERTIES	TEST METHOD	UNITS	VALUES
Hardness	ISO 868	Shore A	97
Density	ISO 1183-1 A	g/cm ³	1.21
100% modulus	ISO 37	MPa	14
300% modulus	ISO 37	MPa	27
Tensile strength	ISO 37	MPa	46
Elongation at break	ISO 37	%	530
Tear strength	ISO 34-1 B/b	N/mm	175
Abrasion Resistance	ISO 4649	mm ³	35
Melting Temperature	DSC	°C	210

Properties have been tested on injection molded plaques conditioned 24 hours at room temperature before testing.

Application Guideline (Extrusion)

Nozzle (°C)	Zone 3 (°C)	Zone 2 (°C)	Zone 1 (°C)
200-220	205-225	205-225	200-220