



RAVATHANE[®]

Technical Data Sheet

Ravathane[®] 175 A80 022

Description: Polyester based thermoplastic polyurethane for extrusion and injection applications.

Application: PVC compounding, melt coating.

Features: Easier compounding and good flow properties.

Typical Properties

PROPERTIES	TEST METHOD	UNITS	VALUES
Hardness	ISO 868	Shore A	78
Density	ISO 1183-1 A	g/cm ³	1,19
100% modulus	ISO 37	MPa	5,0
300% modulus	ISO 37	MPa	10,0
Tensile strength	ISO 37	MPa	35
Elongation at break	ISO 37	%	580
Tear strength	ISO 34-1 B/b	N/mm	80
Abrasion Resistance	ISO 4649	mm ³	35

Properties have been tested on extrusion tape conditioned 16 hours at room temperature before testing.

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

Application Guideline (Extrusion)

Nozzle (°C)	Zone 3 (°C)	Zone 2 (°C)	Zone 1 (°C)
180-200	175-195	175-195	170-190