



RAVATHANE®

Ravathane® 141 A95 D0

Description: Thermoplastic polyurethane based on special polyester that having non blooming properties, having strong resilience and tear resistance, higher resistance to hydrolysis failure and oxidation, good stability towards solvents and light.

Application: Injection molding, ear tag

Typical Properties

PROPERTIES	TEST METHOD	UNITS	VALUES
Hardness	ISO 868	Shore A	95
Density	ISO 1183-1 A	g/cm ³	1.20
100% modulus	ISO 37	MPa	13.50
300% modulus	ISO 37	MPa	18.50
Tensile strength	ISO 37	MPa	32
Elongation at break	ISO 37	%	700
Tear strength	ISO 34-1 B/b	N/mm	200
Abrasion Resistance	ISO 4649	mm ³	50

Properties have been tested on injection molded plaques conditioned 24 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 (Injection)

Nozzle (°C)	Metering (°C)	Compression (°C)	Feed (°C)
195-215	190-210	185-205	180-200