

RAVATHANE®



Technical Data Sheet

Ravathane® AG 130 D55UV/HF

Description: Experimental polyester based thermoplastic polyurethane with high flow and good stability towards light properties.

Application: Injection molding.

Typical Properties

PROPERTIES	TEST METHOD	UNITS	VALUES
Hardness	ISO 868	Shore D	53
Density	ISO 1183-1 A	g/cm ³	1,22
<u>Tensile stress at;</u>			
100% elongation	ISO 37	MPa	17
300% elongation	ISO 37	MPa	21
Tensile strength	ISO 37	MPa	40
Elongation at break	ISO 37	%	650
Tear strength	ISO 34-1 B/b	N/mm	190
Abrasion Resistance	ISO 4649	mm ³	30

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)
220-230	215-225	215-225	210-220

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