

Technical Data Sheet
Type: ESTANE® 54630 NAT 023 is an aromatic polyether-based thermoplastic polyurethane

Main Application: Meltcoating

Uses:

Physical Properties *	Value (Metric)	Unit	Test Method
Hardness	A/1: 82	Shore A/D	ISO 868
Specific Gravity	1.10	g/cm ³	ISO 2781
Tensile Strength	30	MPa	ISO 527-2/5A/500
Ultimate Elongation	700	%	ISO 527-2/5A/500
Tensile Stress at:			
- 50 % Elongation	5	MPa	ISO 527-2/5A/500
- 100 % Elongation	5	MPa	ISO 527-2/5A/500
- 300 % Elongation	8	MPa	ISO 527-2/5A/500
Tear Strength nicked	50	kN/m	ISO 34-1B
Abrasion Resistance	34	mm ³	ISO 4649-A

See reverse side for processing information

Listed values are “typical (average) values” and should /can not be applied for specification purposes

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Material Preparation

Prior to processing, **ESTANE® 54630 NAT 023** must be dried at **70°C** for 3-4 hours. It is recommended to dry the material in a dehumidifying type dryer. Target dew point should be **-40°C**.

Recommended Temperature Profile:

	°C
Roll 1	150
Roll 2	160
Rubber Roll 3	25

For further information refer to Lubrizol Advanced Materials processing guides.

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