

**Technical Data Sheet**

**Type:** ESTANE® 54660 NAT 021 is an aromatic polyester-based thermoplastic polyurethane

**Main Application:** Meltcoating

**Uses:**

Physical Properties *	Value (Metric)	Unit	Test Method
Hardness	A/1: 76	Shore A/D	ISO 868
Specific Gravity	1.19	g/cm <sup>3</sup>	ISO 2781
Tensile Strength	23	MPa	ISO 527-2/5A/500
Ultimate Elongation	840	%	ISO 527-2/5A/500
Tensile Stress at:			
- 50 % Elongation	1	MPa	ISO 527-2/5A/500
- 100 % Elongation	2	MPa	ISO 527-2/5A/500
- 300 % Elongation	3	MPa	ISO 527-2/5A/500
Tear Strength nicked	40	kN/m	ISO 34-1B
Abrasion Resistance	14	mm <sup>3</sup>	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® 54660 NAT 021** 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
<b>Roll 1</b>	<b>170</b>
<b>Roll 2</b>	<b>180</b>
<b>Rubber Roll 3</b>	<b>Not heated</b>

For further information refer to Lubrizol Advanced Materials processing guides.

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