

OPTI-MAX™ Performance powder 0821-80A

Product description

A soft, specialty TPU featuring low melting point and excellent transparency. It is completely recyclable.

Applications

- 2K-moulding
- Flexible Grips
- Living Hinges
- Consumer Applications
- Kitchenware
- Seals

Physical properties	Value ¹ (SI)	Test
Density	1.04 g/cm ³	ISO 2781
Appearance	Beige to white, Powder	
Particle size	0 – 800 µm	ISO 3310-1
Shore Hardness	70 Shore A	ISO 868

Mechanical properties	Value ¹ (SI)	Test
Tensile Stress at 100% Across Flow (23°C)	3 (435)MPa	ISO 527
Tensile Stress at 300% Across Flow (23°C)	4 (580)MPa	ISO 527
Tensile Stress at Break Across Flow (23°C)	20 (2900)MPa	ISO 527
Tensile Strain at Break Across Flow (23°C)	750%	ISO 527
Tear Strength	50 (286)kN/m	ISO 34-1B
Melting range	118-128°C	-
Tg	-30°C	ISO 11357-2

¹ Values listed here are typical averages and should not be taken as our Product Specification

Storage

Opti-Max™ performance powder 0821-80A should be kept in in a cool and dry environment prior to be processed. Storage temperature should not exceed 15-25°C.

Additional Information

RoHS2 (Directive 2011/65/EU) Compliant.

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Contact information

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