

TPU—T3390



Technical Data Sheet

Thermoplastic Polyurethane

- **Application:** Cell-phone cover, Accessories, Compounding, Caster wheel etc.
- **Description:** Polyester-based TPU
- **Processing methods:** Injection mould.
- **Characteristics:** Excellent physical properties, Easy&stable processing, Hydrolysis resistance and reusable properties.
- **Properties:**

Item	Test Method	Value
Yellow index(Yi)	ASTM-E313	0-2
Specific gravity(g/cm ³)	ASTM-D792	1.22
Hardness(Shore A)	ASTM-2240	92±1
Tensile strength(Mpa)	ASTM-D412	37
100% Modulus(Mpa)	ASTM-D412	9.5
300% Modulus(Mpa)	ASTM-D412	16
Elongation at break(%)	ASTM-D412	575
Teat strength (KN/m)	ASTM-D624	136
Flowing beginning Point.(°C)	/	193
Processing temperature (°C)	/	195-215

■ Processing & Guide

For optimum results, previous drying of the product 2-3 hours under 100~110°C is advisable, in a hot air circulatory, vacuum desiccate-air dryer.

■ Package & Storage

25kg/bag.

Never put opened packages exposed in open air for prolonged periods of time during processing. Because of the high moisture absorbing property, TPU products should be well stored in a dry, cool and shady area.

■ Note

These are typical values and should not be used as specifications.

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