

Technical Data Sheet

Thermoplastic Polyurethane

■ Feature

Excellent physical property, Good hydrolysis and microbial Resistance, easy&stable process etc.

■ **Application:** Automotive cable, electronic cable.

■ **Processing:** Extrusion etc.

■ Properties

Item	Test Method	Value
Yellow Index(Yi)	ASTM-E313	1.5
Specific gravity (g/cm ³)	ASTM-D792	1.12
Hardness (Shore A)	ASTM-2240	85±1
Tensile strength(MPa)	ASTM-D412	30
100% Modulus(MPa)	ASTM-D412	5.1
300% Modulus(MPa)	ASTM-D412	9.2
Elongation at break (%)	ASTM-D412	780
Tear strength (KN/m)	ASTM-D624	100
Abrasion(mm ³)	ASTM-D5963	28
Flow Beginning Point (°C)	/	161

■ Processing Guide

For optimum results, previous drying of the product during 2-3 hours at 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 molding and 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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