

SONG-STOMER[®] P-8185AI TPU

Technical Information

1. Components : Polyester type Thermoplastic Polyurethane Elastomer (TPU)

2. Properties

Physical Properties	Test Method	Units	Value
Hardness	ASTM D2240	Shore A	87
Specific Gravity	ASTM D792	g/cm ³	1.23
Tensile Strength	ASTM D412	kgf/cm ²	450
Tensile Stress	ASTM D412	kgf/cm ²	
at 100% Elongation			50
at 300% Elongation			100
Ultimate Elongation	ASTM D412	%	450
Tear Strength	ASTM D624	kgf/cm	100

** Above values are typical values and should not be used as specifications.*

3. Characteristics & Usages

- Blow molding

Extrusion conditions*	
Zone 1 / Zone 2 / Zone 3 / Adapter / Die	185°C / 190°C / 195°C / 200°C / 195°C

** L/D : 26-30, Compression ratio : 2.5-3.5*

- Keep material in cool and dark place.
- Material must be dried before processing (70-80°C for 3-4 hours by dehumidifying dryer).

4. Physical Form : PE (Pellet)

5. Packing Unit

- 25kgs paper bag with outer 3 ply paper and inner 1 PE Bag or with outer 3 ply paper and inner 1 AL Bag