

Technical Data Sheet ---X80

Polyester-----based TPU (Thermoplastic Polyurethane)

1. Feathers:

Good transparency, high strength, good elasticity, hydrolysis resistance, low temperature performance.

2. Applications

Pneumatic tube, extrusion strip, elastic tape, transparent injection molding or extrusion products.

3. Properties

| Properties | Standard | Unit | Value |
|------------------------------|------------|---------|-------|
| Physical Properties | | | |
| Density | ASTM D792 | g/cm | 1.20 |
| Hardness | ASTM D2240 | Shore A | 80 |
| | ASTM D2240 | Shore D | / |
| Mechanical Properties | | | |
| 100% Modulus | ASTM D412 | Mpa | 4 |
| 300% Modulus | ASTM D412 | Mpa | 9 |
| Tensile Strength | ASTM D412 | Mpa | 27 |
| Tear Strength | ASTM D624 | KN/m | 142 |
| Elongation at Break | ASTM D412 | % | 710 |
| Tg | DSC | °C | -35 |

Note: The above values are shown as typical values should not be used as specifications.

4. Package: 25kg/bag.

5. Processing Guide

For optimum results, previous drying of the product during 3-4hous at 100-110°C is available, in a hot air circulatory, vacuum or desiccant-air dryer.

6. Environmental & Healthy & Safety

Take MSDS for reference.