

TPUCO® TPUE-UE98

Thermoplastic Polyurethane Elastomer (Polyester)

Taiwan PU Corporation

Message:

TPUCO® TPUE-UE98 is a Thermoplastic Polyurethane Elastomer (Polyester) (TPU-Polyester) material. It is available in Asia Pacific for extrusion. Primary attribute of TPUCO® TPUE-UE98: Wear Resistant.

Typical applications include:

Hose/Tubing

Conveyors

Film

Sheet

Wire & Cable

| General Information | | | |
|------------------------------|---------------------------|------|-------------|
| Features | General Purpose | | |
| | Good Abrasion Resistance | | |
| | Good Wear Resistance | | |
| Uses | Conveyors | | |
| | Film | | |
| | Hose | | |
| | Sheet | | |
| | Tubing | | |
| | Wire & Cable Applications | | |
| Appearance | Clear/Transparent | | |
| Forms | Pellets | | |
| Processing Method | Extrusion | | |
| Hardness | Nominal Value | | Test Method |
| Durometer Hardness (Shore A) | 98 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Abrasion Loss | 4.0 | mg | |
| Impact Resilience | 24 | % | |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress | | | ASTM D412 |
| 100% Strain | 10.8 | MPa | |
| 300% Strain | 22.6 | MPa | |
| Tensile Strength (Break) | 38.2 | MPa | ASTM D412 |
| Tensile Elongation (Break) | 610 | % | ASTM D412 |
| Extrusion | Nominal Value | Unit | |
| Cylinder Zone 1 Temp. | 175 | °C | |
| Cylinder Zone 3 Temp. | 180 | °C | |

| | | |
|-----------------------|-----|----|
| Cylinder Zone 5 Temp. | 185 | °C |
| Adapter Temperature | 195 | °C |
| Die Temperature | 215 | °C |

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