

Solplast TH 90A8000 A1
TPS

Uteksol d.o.o.

| Rheological properties | Value | Unit | Test Standard |
|------------------------|-------|---------|---------------|
| ISO Data | | | |
| Melt Flow Index, MFI | 29.1 | g/10min | ISO 1133 |
| MFI temperature | 190 | °C | - |
| MFI load | 5 | kg | - |

| Mechanical Properties | Value | Unit | Test Standard |
|--|-------|------|---------------|
| ISO Data | | | |
| Compression Set under constant strain, 23°C | 37 | % | ISO 815 |
| Compression Set under constant strain, 70°C | 76 | % | ISO 815 |
| Compression Set under constant strain, 100°C | 88 | % | ISO 815 |
| Tear strength | 29 | kN/m | ISO 34-1 |
| Shore Hardness A (15s) | 90 | - | ISO 868 |
| Tensile Strength | 5.5 | MPa | ISO 37 |
| Strain at Break | 520 | % | ISO 37 |

| Other Properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Density | 1150 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Melt temperature | 160 - 220 | °C | - |
| Mold temperature | 30 - 40 | °C | - |

Characteristics

Processing

Injection Molding

Features

Copolymer

Disclaimer

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