

**Solplast TH 75A11900 FR 2V0**  
**TPS**

Uteksol d.o.o.

| Rheological properties | Value | Unit    | Test Standard |
|------------------------|-------|---------|---------------|
| <b>ISO Data</b>        |       |         |               |
| Melt Flow Index, MFI   | 0.5   | g/10min | ISO 1133      |
| MFI temperature        | 230   | °C      | -             |
| MFI load               | 5     | kg      | -             |

| Mechanical Properties                         | Value | Unit | Test Standard |
|-----------------------------------------------|-------|------|---------------|
| <b>ISO Data</b>                               |       |      |               |
| Compression Set under constant strain, 70 °C  | 66    | %    | ISO 815       |
| Compression Set under constant strain, 100 °C | 80    | %    | ISO 815       |
| Tear strength                                 | 28    | kN/m | ISO 34-1      |
| Shore Hardness A (15s)                        | 75    | -    | ISO 868       |
| Tensile Strength                              | 5.3   | MPa  | ISO 37        |
| Strain at Break                               | 550   | %    | ISO 37        |

| Thermal Properties            | Value | Unit  | Test Standard |
|-------------------------------|-------|-------|---------------|
| <b>ISO Data</b>               |       |       |               |
| Burning Behav. at thickness h | V-0   | class | UL 94         |
| Thickness tested              | 2.0   | mm    | -             |

| Other Properties | Value | Unit  | Test Standard |
|------------------|-------|-------|---------------|
| <b>ISO Data</b>  |       |       |               |
| Density          | 1170  | kg/m³ | ISO 1183      |

| Processing Recommendation Injection Molding | Value     | Unit | Test Standard |
|---------------------------------------------|-----------|------|---------------|
| Melt temperature                            | 170 - 210 | °C   | -             |
| Mold temperature                            | 30 - 40   | °C   | -             |

| Processing Recommendation Extrusion | Value     | Unit | Test Standard |
|-------------------------------------|-----------|------|---------------|
| Melt temperature                    | 170 - 210 | °C   | -             |
| Mold temperature                    | 30 - 40   | °C   | -             |

**Characteristics**

**Processing**

Injection Molding, Other Extrusion

**Features**

Copolymer

**Special Characteristics**

Flame retardant, Halogen-free