

## Solplast TH 45A9000 B1 TPS

Uteksol d.o.o.

| Rheological properties | Value | Unit    | Test Standard |
|------------------------|-------|---------|---------------|
| <b>ISO Data</b>        |       |         |               |
| Melt Flow Index, MFI   | 7.8   | g/10min | ISO 1133      |
| MFI temperature        | 190   | °C      | -             |
| MFI load               | 5     | kg      | -             |

| Mechanical Properties                         | Value | Unit | Test Standard |
|-----------------------------------------------|-------|------|---------------|
| <b>ISO Data</b>                               |       |      |               |
| Compression Set under constant strain, 23 °C  | 14    | %    | ISO 815       |
| Compression Set under constant strain, 70 °C  | 26    | %    | ISO 815       |
| Compression Set under constant strain, 100 °C | 45    | %    | ISO 815       |
| Tear strength                                 | 15    | kN/m | ISO 34-1      |
| Shore Hardness A (15s)                        | 45    | -    | ISO 868       |
| Tensile Strength                              | 6.8   | MPa  | ISO 37        |
| Strain at Break                               | 870   | %    | ISO 37        |

| Other Properties | Value | Unit  | Test Standard |
|------------------|-------|-------|---------------|
| <b>ISO Data</b>  |       |       |               |
| Density          | 900   | kg/m³ | ISO 1183      |

| Processing Recommendation Injection Molding | Value     | Unit | Test Standard |
|---------------------------------------------|-----------|------|---------------|
| Melt temperature                            | 170 - 230 | °C   | -             |
| Mold temperature                            | 30 - 40   | °C   | -             |

### Characteristics

#### Processing

Injection Molding

#### Features

Copolymer

### Disclaimer

#### Liability Exclusion

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