
SOFPRENE® S212-60A - SBS

Description

TPR material for direct injection into upper.

| Physical properties | Value | Unit | Test Standard |
|---------------------|-------|-------------------|---------------|
| Density | 1170 | kg/m ³ | ISO 1183 |

| Mechanical properties (TPE) | Value | Unit | Test Standard |
|-------------------------------|-------|-----------------|---------------|
| Tensile strain at break (TPE) | 500 | % | ISO 37 |
| Tensile stress at break (TPE) | 2.5 | MPa | ISO 37 |
| Shore A hardness, 3s | 60 | - | ISO 868 |
| Tear strength | 22 | kN/m | ISO 34-1 |
| Abrasion resistance | 590 | mm ³ | ISO 4649 |

Typical injection moulding processing conditions

| Temperature | Value | Unit | Test Standard |
|-------------------|-----------|------|---------------|
| Zone1 temperature | 140 - 150 | °C | - |
| Zone2 temperature | 145 - 155 | °C | - |
| Zone3 temperature | 155 - 165 | °C | - |

Other text information

Longer pre-drying times/storage

The material must be stored indoors in the original, unopened and undamaged packaging, away from direct sunlight, moisture and heat.

Injection molding

Please note that the suggested temperatures are estimations. The actual desired temperatures can vary based on the molding machine design.