
SOPPUR® S 021A03970 AMBRA (N010) - TPU

Description

Elastomer-modified TPU

| Physical properties | Value | Unit | Test Standard |
|----------------------------|--------------|-------------------|----------------------|
| Density | 1090 | kg/m ³ | ISO 1183 |

| Mechanical properties (TPE) | Value | Unit | Test Standard |
|------------------------------------|--------------|-----------------|----------------------|
| Tensile strain at break (TPE) | 600 | % | ISO 37 |
| Tensile stress at break (TPE) | 10 | MPa | ISO 37 |
| Shore A hardness, 3s | 70 | - | ISO 868 |
| Abrasion resistance | 70 | mm ³ | ISO 4649 |

Typical injection moulding processing conditions

| Temperature | Value | Unit | Test Standard |
|--------------------|------------------|-------------|----------------------|
| Zone1 temperature | 165 - 175 | °C | - |
| Zone2 temperature | 175 - 185 | °C | - |