

AVALON® 70 ABX

TPU

Huntsman Polymers Corp.

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|--------------|-----------------|----------------------|
| Other Standards^{S1} | | | |
| Tensile Strength | 20 | MPa | DIN 53504 |
| Strain at break | 700 | % | DIN 53504 |
| Tear strength | 60 | kN/m | DIN 53507 |
| Abrasion resistance | 50 | mm ³ | DIN 53516 |
| Shore A hardness | 71 | - | DIN 53505 |

S: These properties are reported by the producer according standards that are different to our defaults.

| Other properties | Value | Unit | Test Standard |
|-------------------------------------|--------------|-------------------|----------------------|
| Other Standards^{S1} | | | |
| Density | 1130 | kg/m ³ | DIN 53479 |

S: These properties are reported by the producer according standards that are different to our defaults.

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|-------------------|-------------|----------------------|
| Pre-drying - Temperature | 80 - 90 | °C | - |
| Pre-drying - Time | 2 | h | - |
| Mold temperature | 25 - 50 | °C | - |
| Feed temperature | 25 - 35 | °C | - |
| Zone 1 | 160 - 180 | °C | - |
| Zone 2 | 165 - 185 | °C | - |
| Zone 3 | 165 - 190 | °C | - |
| Nozzle temperature | 160 - 185 | °C | - |
| Screw speed | 20 - 80 | rpm | - |
| Injection pressure | 2 - 10 | MPa | - |
| Back pressure | 0.03 - 0.3 | MPa | - |
| Holding pressure | 1 - 5 | MPa | - |

Characteristics**Processing**

Injection Molding

Features

Anti Slip, Scratch Resistant

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa