

Dawnflex TPU DN-1095-T3

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Dawnflex TPU DN-1095-T3

| General information | | | |
|--|--|-------------------|---------------|
| Material Properties | Good formability, high transparency, low precipitation risk, easy to post-processing | | |
| Application Market | Electronic protection cover, shoes, pipes, casters, modified, cables | | |
| Appearance Shape | Transparent particles | | |
| Packing Specifications | 25 kg/bag | | |
| Processing Method | Injection Extrusion | | |
| Physical property parameters | Typical value | Unit | Method |
| Density | 1.22 | g/cm ³ | ASTM D792 |
| Shore Hardness | 95 1 | A | ASTM D2240 |
| Tensile Strength | 35 | MPa | ASTM D412 |
| 100% Modulus | 8 | MPa | ASTM D412 |
| 300% Modulus | 14 | MPa | ASTM D412 |
| Elongation at Break | 550 | % | ASTM D412 |
| Tear Strength | 120 | KN/m | ASTM D624 |
| Processing suggestions | | | |
| Processing conditions Drying Instructions: Need drying the granules before make molding, excessive moisture will lead materials bad extrusion surface, mechanical performance reduction and bad surface appearance. Moisture content request below 0.05%, suggesting drying as follow process: | | | |
| Drying conditions | Drying temperature/ | | Drying time/h |
| | 90-100 | | 2-4 |
| Processing temperature | | | |
| Injection | Set Value | Extrusion | Set Value |
| Nozzle () | 215-225 | Nozzle () | 200-210 |
| Front Barrel () | 210-220 | Front Barrel () | 195-205 |
| Middle Barrel () | 210-220 | Middle Barrel () | 190-200 |
| Rear Barrel () | 205-215 | Rear Barrel () | 190-200 |
| Healthy Safety Environmental: Take SDS for reference | | | |
| Extra information 1.The above properties are typical performance which is not regarding as technical index or agreement. 2.Above instructions for reference only, different equipment might have difference parameters, please adjust accordingly with different mold and product shape. | | | |
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