# Telcar® TL-2575F

## Teknor Apex Company - Thermoplastic Elastomer

Tuesday, April 7, 2026

## General Information

**Product Description**

Telcar® TL-2575F is a general purpose thermoplastic elastomer designed for a variety of industrial applications. Telcar® TL-2575F is a high density, medium hardness grade suitable for injection molding.

**General**

| | | | |
|---|---|---|---|
| Material Status | • Commercial: Active | | |
| Availability | • Africa & Middle East<br>• Asia Pacific | • Europe<br>• Latin America | • North America |
| Features | • Filled<br>• Good Mold Release<br>• Good Moldability | • High Density<br>• High Flow<br>• High Specific Gravity | • Medium Hardness |
| Uses | • Construction Applications<br>• Flexible Grips<br>• General Purpose | • Grommets<br>• Handles<br>• Industrial Applications | • Rubber Replacement<br>• Soft Touch Applications |
| RoHS Compliance | • RoHS Compliant | | |
| Appearance | • Colors Available | • Natural Color | • Opaque |
| Forms | • Pellets | | |
| Processing Method | • Injection Molding | | |

## Properties [1]

| Physical | Nominal Value | Unit | Test Method |
|---|---|---|---|
| Density / Specific Gravity | 1.18 | | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 18 | g/10 min | ASTM D1238 |
| **Elastomers** | **Nominal Value** | **Unit** | **Test Method** |
| Tensile Strength (Break) | 830 | psi | ASTM D412 |
| Tensile Elongation (Break) | 630 | % | ASTM D412 |
| **Hardness** | **Nominal Value** | **Unit** | **Test Method** |
| Durometer Hardness (Shore A) | 77 | | ASTM D2240 |

**Legal Statement**

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## Processing Information

| Injection | Nominal Value | Unit |
|---|---|---|
| Rear Temperature | 340 to 380 | °F |
| Middle Temperature | 350 to 390 | °F |
| Front Temperature | 360 to 400 | °F |
| Nozzle Temperature | 370 to 410 | °F |
| Processing (Melt) Temp | 370 to 410 | °F |
| Mold Temperature | 77 to 150 | °F |
| Injection Pressure | 200 to 1000 | psi |
| Injection Rate | Moderate-Fast | |
| Back Pressure | 25.0 to 50.0 | psi |

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| Injection | Nominal Value | Unit |
|---|---|---|
| Screw Speed | 50 to 100 | rpm |
| Cushion | 0.150 to 1.00 | in |

### Notes

[1] Typical properties: these are not to be construed as specifications.


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