# RESILIENCE® TFTPO 30% NAT

## GEON Performance Solutions - Thermoplastic Polyolefin Elastomer

Tuesday, September 1, 2026

### General Information

**Product Description**

The GEON® family of polypropylene- and polyethylene-based products covers a wide range of applications, markets and performance requirements. Standard grades are compounded with calcium carbonate, glass and talc to provide a desired balance of properties including stiffness, durability, impact resistance and heat resistance. Custom grades are available with features such as UV stabilizers, heat stabilizers, custom color, high impact, etc.

**General**

| | | | |
|---|---|---|---|
| Material Status | • Commercial: Active | | |
| Availability | • Africa & Middle East<br>• Asia Pacific | • Europe<br>• Latin America | • North America |
| Filler / Reinforcement | • Talc, 30% Filler by Weight | | |
| Additive | • Impact Modifier | | |
| Features | • Impact Modified | | |
| Uses | • Automotive Applications | • Construction Applications | |
| Appearance | • Natural Color | | |
| Forms | • Pellets | | |
| Processing Method | • Extrusion | | |

### Properties [1]

| Physical | Nominal Value (English) | | Nominal Value (SI) | | Test Method |
|---|---|---|---|---|---|
| Density / Specific Gravity | 1.15 | | 1.15 | | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 0.70 | g/10 min | 0.70 | g/10 min | ASTM D1238 |
| **Mechanical** | **Nominal Value (English)** | | **Nominal Value (SI)** | | **Test Method** |
| Tensile Strength (Yield) | 3190 | psi | 22.0 | MPa | ASTM D638 |
| Flexural Modulus | 189000 | psi | 1300 | MPa | ASTM D790 |
| **Impact** | **Nominal Value (English)** | | **Nominal Value (SI)** | | **Test Method** |
| Notched Izod Impact (73°F (23°C)) | 10 | ft·lb/in | 540 | J/m | ASTM D256 |
| **Flammability** | **Nominal Value (English)** | | **Nominal Value (SI)** | | **Test Method** |
| Burning Rate (0.126 in (3.20 mm)) | < 3.9 | in/min | < 100 | mm/min | ISO 3795 |

### Notes

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

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