

GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive Polymers)



Product Data Sheet

Product : PP TALC

Grade : ZT79

| | UNIT | VALUE | ASTM |
|--|----------|-------------|--------|
| Specific Gravity | ----- | 1.20+ - 0.1 | D 792 |
| Melt Flow Rate @ 230 °C / 2.16 kg | g/10 min | Min 7 | D 1238 |
| MECHANICAL | | | |
| Impact Strength, Izod | | | |
| notched 1/8 in (3.2 mm) section | J/m | 30 - 50 | D 256 |
| Tensile Strength | MPa | 28 - 32 | D 638 |
| Tensile Elongation @ Yield | % | > 8 | D 638 |
| Flexural Strength | MPa | 42 - 48 | D 790 |
| Flexural Modulus | MPa | 2400 - 2800 | D 790 |
| THERMAL | | | |
| Heat Deflection Temperature | | | |
| @ 264 psi (1820 kPa) | °C | 79 - 80 | D 648 |
| GENERAL PROCESSING FOR INJECTION MOLDING | | | |
| Injection Pressure | MPa | 65 -105 | |
| Melt Temperature | °C | 190 - 220 | |
| Mold Temperature | °C | 32-64 | |
| Drying | hr @ °C | 2 @ 78 | |
| <p>Data herein is typical and not to be construed as specifications. Unless otherwise specified, all data listed is for natural or black colored materials. Pigments can affect properties. The Above mentioned technical data is purely indicative and is given without any guarantee . Values as GLS Polymers tested.</p> | | | |
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