

GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive polymers)



Product Data Sheet

Product :- ABS 25 GF Precolor

Grade :- SG59

| | UNIT | VALUE | ASTM |
|---|----------|------------|--------|
| Specific Gravity | ----- | 1.22 -1.23 | D 792 |
| Melt Flow Rate @ 230 °C, / 2.16 kg | g/10 min | 8 min | D 1238 |
| Molding Shrinkage 3.2 mmsection | % | 0.1 - 0.2 | D 955 |
| MECHANICAL | | | |
| Impact Strength, Izod | | | |
| notched 1/8 in (3.2 mm) section | J/m | 50 Min | D 256 |
| Tensile Strength @ yield 50mm/min | MPa | 80 Min | D 638 |
| Tensile Modulus | MPa | 6500 Min | D 638 |
| Flexural Strength | MPa | 90 Mim | D 790 |
| Flexural Modulus | MPa | 5200 min | D 790 |
| THERMAL | | | |
| Heat Deflection Temperature | | | |
| @ 264 psi (1820 kPa) | °C | 102 Min | D 648 |
| @ 66 psi (455 kPa) | °C | 105Min | D 648 |
| Flammability** | ----- | HB | UL94 |
| GENERAL PROCESSING FOR INJECTION MOLDING | | | |
| Injection Pressure | MPa | 69-102 | |
| Melt Temperature | °C | 205-235 | |
| Mold Temperature | °C | 60-85 | |
| Drying | hr @ °C | 2@ 80 | |
| 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 tchnical data is purely indicative and is given without any guarantee | | | |
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