

GELAST 1350

Thermoplastic Vulcanizate

Guang Sung Plastics (GSPL)

Message:

GELAST 1350 is a Thermoplastic Vulcanizate (TPV) product. It can be processed by injection molding and is available in Asia Pacific. Applications of GELAST 1350 include hose/tubing, engineering/industrial parts and wire & cable.

Characteristics include:

RoHS Compliant

Crosslinkable

Heat Resistant

| General Information | | | |
|-------------------------------------|----------------------|-------------------|-------------|
| Features | Crosslinkable | | |
| | High Heat Resistance | | |
| Uses | Cable Jacketing | | |
| | Hose | | |
| | Plugs | | |
| | Tubing | | |
| RoHS Compliance | RoHS Compliant | | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.954 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D, 5 sec) | 50 | | ASTM D2240 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Set | 55 | % | ASTM D412 |
| Tensile Stress (100% Strain) | 11.8 | MPa | ASTM D412 |
| Tensile Strength (Yield) | 21.6 | MPa | ASTM D412 |
| Tensile Elongation (Break) | 650 | % | ASTM D412 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -40.0 | °C | ASTM D746 |
| Additional Information | Nominal Value | Unit | Test Method |
| Tension Strength | 104.9 | kN/m | ASTM D624 |

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