

Chansieh Phenolic J-170

Phenolic

Chansieh Enterprises Co., LTD.

Message:

Chansieh Phenolic J-170 is a Phenolic material filled with mineral. It is available in Asia Pacific for injection molding. Primary attribute of Chansieh Phenolic J-170: Heat Resistant.

Typical application of Chansieh Phenolic J-170: Electrical/Electronic Applications

| General Information | | | |
|------------------------|------------------------------------|-------------------|-------------|
| Filler / Reinforcement | Mineral | | |
| Features | Arc Resistant | | |
| | Medium Heat Resistance | | |
| Uses | Electrical/Electronic Applications | | |
| Appearance | Black | | |
| Forms | Granules | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.39 to 1.44 | g/cm ³ | JIS K6915 |
| Apparent Density | 0.62 to 0.67 | g/cm ³ | JIS K6915 |
| Molding Shrinkage | 1.0 to 1.3 | % | JIS K6915 |
| Mechanical | Nominal Value | Unit | Test Method |
| Flexural Stress | 78.5 to 108 | MPa | JIS K6915 |
| Impact | Nominal Value | Unit | Test Method |
| Impact Strength | 24.5 to 39.2 | J/m | JIS K6915 |
| Deformation | > 170 | °C | JIS K6915 |
| Insulation Resistance | | | JIS K6915 |
| Boiling | 1.0E+8 to 1.0E+9 | ohms | |
| Normal | 1.0E+9 to 1.0E+11 | ohms | |
| Heat Resistance | 180 | °C | JIS K6915 |
| Electrical | Nominal Value | Unit | Test Method |
| Electric Strength | 10 to 12 | kV/mm | JIS K6915 |

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