

FR198

PPE

Lingen Plastic Rubber Co., Ltd.

| Mechanical properties | Value | Unit | Test Standard |
|--|-------------------|-------------------|----------------------|
| ASTM Data | | | |
| Shore D Hardness | 50 | - | ASTM D 2240 |
| Tensile Strength | 18 | MPa | ASTM D 412 |
| Elongation at Break | 200 | % | ASTM D 412 |
| Thermal properties | Value | Unit | Test Standard |
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Electrical properties | Value | Unit | Test Standard |
| ASTM Data | | | |
| Dielectric Strength, Short Time | 28 | kV/mm | ASTM D 149 |
| Dissipation Factor, 1 MHz | 0.004 | - | ASTM D 150 |
| Dielectric Constant, 1 MHz | 2.7 | - | ASTM D 150 |
| Volume Resistivity | 1E13 | Ohm*cm | ASTM D 257 |
| Other properties | Value | Unit | Test Standard |
| Density | 1100 | kg/m ³ | ASTM D 792 |
| Processing Recommendation Extrusion | Value | Unit | Test Standard |
| Type of extrusion | wire/cable | - | - |
| Pre-drying - Temperature | 70 - 80 | °C | - |
| Pre-drying - Time | 4 - 8 | h | - |

Characteristics**Processing**

Wire/Cable Extrusion

Applications

Electrical and Electronical

Special Characteristics

Flame retardant, Halogen-free

Regional Availability

Asia Pacific

Features

Soft Feel