

Kepital® F30-51

Acetal (POM) Copolymer

Korea Engineering Plastics Co., Ltd

Message:

An easy flowing grade, black color, for weather resistance purpose. It has stability on UV light, and so good at out-door use.

| General Information | | | |
|--|-------------------------|-------------------|-------------|
| UL YellowCard | E120354-220446 | | |
| Additive | UV Stabilizer | | |
| Features | Good UV Resistance | | |
| | Good Weather Resistance | | |
| Uses | Outdoor Applications | | |
| RoHS Compliance | RoHS Compliant | | |
| Appearance | Black | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.41 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) | 25 | g/10 min | ISO 1133 |
| Molding Shrinkage - Flow (3.00 mm) | 2.0 | % | |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield, 23°C) | 59.0 | MPa | ISO 527-2 |
| Nominal Tensile Strain at Break (23°C) | 35 | % | ISO 527-2 |
| Flexural Modulus (23°C) | 2650 | MPa | ISO 178 |
| Flexural Stress (23°C) | 86.0 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | 7.0 | kJ/m ² | ISO 179/1eA |
| Electrical | Nominal Value | Unit | Test Method |
| Surface Resistivity | 1.0E+15 | ohms | IEC 60093 |
| Volume Resistivity | 1.0E+14 | ohms · cm | IEC 60093 |
| Electric Strength | 19 | kV/mm | IEC 60243-1 |
| Flammability | Nominal Value | Unit | Test Method |
| Flame Rating | HB | | UL 94 |

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