

Kepital® LO-21

Acetal (POM) Copolymer

Korea Engineering Plastics Co., Ltd

Message:

Specially lubricant modified wear resistant grade. LO-21 is good for parts moving against metal.

| General Information | | | |
|---|----------------------|-------------------|-------------|
| Features | Copolymer | | |
| | Good wear resistance | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.39 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) | 9.5 | g/10 min | ISO 1133 |
| Molding Shrinkage - Flow (3.00 mm) | 2.0 | % | ISO 294-4 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Break, 23°C) | 60.0 | MPa | ISO 527-2 |
| Nominal Tensile Strain at Break (23°C) | 26 | % | ISO 527-2 |
| Flexural Modulus (23°C) | 2450 | MPa | ISO 178 |
| Flexural Stress (23°C) | 81.0 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | 5.5 | kJ/m ² | ISO 179/1eA |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 95.0 | °C | ISO 75-2/A |
| Electrical | Nominal Value | Unit | Test Method |
| Surface Resistivity | 1.0E+16 | ohms | IEC 60093 |
| Volume Resistivity | 1.0E+14 | ohms·cm | IEC 60093 |
| Flammability | Nominal Value | Unit | Test Method |
| Flame Rating | HB | | UL 94 |

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WECHAT