



CENTRODAL LF / POM LF

| Product information | |
|------------------------|-----------------------------|
| Trade name: | CENTRODAL LF |
| Abbreviation ISO 1043: | POM LF |
| Designation: | Polyoxymethylene conductive |
| Type of polymer: | Thermoplastic |
| Food compliance BfR: | No |
| Food compliance FDA: | No |
| Colour: | Black |

| Short description |
|---|
| <p>During the modification with POM LF, a conductive additive is added to the basic polyoxymethylene polymer. The plastic becomes electrically conductive; high mechanical resistance and dimensional stability remain. The specific surface resistance decreases to 10^2 Ohm. POM LF plastics are often used as building blocks to conduct static charge or as constructions parts for hazardous explosive areas.</p> |

| Properties | | |
|---|------------------------|-----------|
| ➤ Density: | 1.45 g/cm ³ | ISO 1183 |
| ➤ Tensile modulus of elasticity: | 2,800 MPa | ISO 527-2 |
| ➤ Specific surface resistance: | 10^2 Ohm | IEC 60093 |
| ➤ Temperature for usage in air (max. short term): | 140 °C | |

| Field of use | Field of application |
|--------------------------|---|
| ➤ Automotive industry | ➤ Applications in research/development |
| ➤ Electrical industry | ➤ Components for diverting static charges |
| ➤ Mechanical engineering | ➤ Conveyor paddles |
| ➤ Medical technology | ➤ Structural components |
| ➤ Plastics industry | |
| ➤ More industries | |

| Delivery program | |
|--|---------------------|
|  Rods | 16 – 100 mm |
|  Plates | 10 – 50 mm |
| Stock lengths: | 1,000 mm 3,000 mm |
| Width: | 500 mm |
| Tolerance length: | 0% to +3% |
| Tolerance width: | +1% to +4% |
| <i>Additional dimensions available on request.</i> | |