

# KEPITAL® ET-20S

POM, conductive and anti-static

A medium viscosity grade for general injection molding. It was modified with electrically conductive carbon black, and so suitable for parts requiring electric conductivity.

## Product information

Part Marking Code	> POM-CD <	ISO 11469
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## Rheological properties

Moulding shrinkage, parallel	1.6 %	ISO 294-4, 2577
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## Typical mechanical properties

Yield stress, 50mm/min	40 MPa	ISO 527-1/-2
Yield strain, 50mm/min	4 %	ISO 527-1/-2
Nominal strain at break	12 %	ISO 527-1/-2
Flexural Modulus	2650 MPa	ISO 178
Flexural Strength	67 MPa	ISO 178
Charpy notched impact strength, 23 °C	4 kJ/m <sup>2</sup>	ISO 179/1eA

## Thermal properties

Melting temperature, 10 °C/min	165 °C	ISO 11357-1/-3
Temp. of deflection under load, 1.8 MPa	88 °C	ISO 75-1/-2

## Electrical properties

Surface resistivity	1000 Ohm	IEC 62631-3-2
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## Other properties

Density	1380 kg/m <sup>3</sup>	ISO 1183
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