

Page: 1 of 1

## KEPITAL<sup>®</sup> ET-20R3 BK

POM, CNT filled, high viscosity, conductive and anti-static, for extrusion molding

- A CNT filled high-viscosity grade for general extrusion molding (rods, plates, sheets, etc.)

- Suitable for applications requiring surface resistivity 10<sup>3</sup> Ohm
- Cautions: Surface resistivity will change with extrusion conditions: die design, pressure, seeed, etc.

## Typical mechanical properties

Yield stress, 50mm/min	55 MPa	ISO 527-1/-2
Yield strain, 50mm/min	6 %	ISO 527-1/-2
Flexural Modulus	2500 MPa	ISO 178
Flexural Strength	75 MPa	ISO 178
Charpy notched impact strength, 23°C	3.5 kJ/m <sup>2</sup>	ISO 179/1eA
Thermal properties		
Melting temperature, 10°C/min	165 °C	ISO 11357-1/-3
Electrical properties		
Surface resistivity	1000 Ohm	IEC 62631-3-2
Other properties		
Density	1370 kg/m <sup>3</sup>	ISO 1183

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