

Technical Data Sheet **POM ESD 4000 BLK**

ProPolymers POM ESD 4000 Blk is a conductive acetal resin. It provides excellent surface as well as volume resistivity. Only available in black color.

Mechanical	ASTM	Metric
Tensile Strength at Yield	D 638	53 MPa
Elongation at Fail	D 638	12%
Flexural Modulus	D 790	2650 MPa
Flexural Strength	D 790	N/A
Izod Impact Strength, Un Notched	D 790	N/A
Charpy Impact Strength, Notched	D 256	4.0 kJ/m ²
Thermal		
Melting Point	D3418	N/A
Deflection Temperature@ 66psi	D 648	150 CN/A
Deflection Temperature @ 264psi	D 648	90 C
Coefficient of Thermal Expansion	D 696	1.0 E-4 cm/cm/C
Misc.		
Specific Gravity	D 792	1.41
Surface Resistivity	IEC	1.0 E+3 ohms
Volume Resistivity	60093	5.0 +2 ohms cm
Processing Melt temperature		380-410°F
Mold Temperature		150-250°F
Back Pressure		50 psi.

The data listed above are typical properties, and as such are dependent on processing conditions. No warranties, expressed or implied, including patent warranties, or warranties of merchantability or fitness for use, are made with respect to the product information.

