

Carbo-Rite™ B-260

Polypropylene

Lubrizol Advanced Materials, Inc.

Message:

Carbo-Rite™ B-260 is a carbon black-filled Polypropylene compound available in pellet form. Carbo-Rite B-260 solves a wide range of static decay, static shielding and electromagnetic shielding problems.
Features: Cost-effective ESD protection, consistent performance, recyclable, durable

| General Information | | | |
|--|------------------------------------|--------------------|-----------------|
| Additive | Carbon Black | | |
| Features | Durable | | |
| | Electromagnetic Shielding (EMI) | | |
| | ESD Protection | | |
| | Recyclable Material | | |
| Uses | Electrical/Electronic Applications | | |
| | Racks | | |
| | Tool/Tote Box | | |
| Appearance | Black | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.04 | g/cm ³ | ASTM D792 |
| Molding Shrinkage - Flow | 1.0 to 1.2 | % | ASTM D955 |
| Water Absorption (24 hr) | 0.010 | % | ASTM D570 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 1070 | MPa | ASTM D638 |
| Tensile Strength (Break) | 19.7 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 2.5 | % | ASTM D638 |
| Flexural Modulus | 1490 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (3.18 mm) | 270 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 135 | °C | ASTM D648 |
| Electrical | Nominal Value | Unit | Test Method |
| Surface Resistivity | < 1.0E+6 | ohms | ASTM D257 |
| Volume Resistivity | < 1.0E+6 | ohms · cm | ASTM D257 |
| Additional Information | Nominal Value | Unit | Test Method |
| Ionic Content | | | Internal Method |
| Anions Cl- | 9.00 | ng/cm ² | |

| | | |
|----------------|----------|--------------------|
| Anions NO3- | 5.00 | ng/cm ² |
| Anions PO4- | 1.50 | ng/cm ² |
| Anions SO4- | 7.00 | ng/cm ² |
| Outgassing | | Internal Method |
| MMA | 0.0300 | μg/g |
| Styrene | < 0.0200 | μg/g |
| Toluene | < 0.0200 | μg/g |
| Total Organics | 3.60 | μg/g |

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