



Poly and Vinyl Packaging and Specialty Products
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AMINE FREE DISSIPATIVE POLYETHYLENE

| | |
|-----------------------|--|
| Non Amine | Polycarbonate Compatible |
| Non N-Octanoic Acid | Non/Low Greasy Out Gassing |
| Extended Shelf Life | Printability |
| Clean Room Compatible | Non Corrosive |
| RoHS Compliant | Excellent Physical/Mechanical/Electrostatic Properties |

Non-Amine – No Ethoxylated tertiary amines to inflict damage to circuit boards.

Polycarbonate Compatible – Material has passed polycarbonate compatibility testing at G.E.

Non N-Octanoic Acid – Will not react with the lead element found in solder coated circuit board leads.

Non/Low Greasy Out Gassing – Does not feel greasy to the touch, eliminating transfer of greasy residue (contamination) on packaged parts.

Extended Shelf Life – Material test after aging show minimal loss of physical or electrical properties.

Printability – Material can be printed, hot stamped or labeled without identification being readily wiped off.

Clean Room Compatible – Material lends itself to cleaning for use in Class 100 Clean Rooms and will not introduce contamination into the room.

Non Corrosive – Material will not promote corrosion.

RoHS Compliant

Excellent Physical/Mechanical/Electrostatic Properties – see below

Electrostatic / Corrosivity Data

| PROPERTIES | RESULT | TEST METHOD |
|--------------------------|------------------------------|--|
| Surface Resistivity | $> 10^9 - 10^{12} <$ ohms/sq | D-257 |
| Static Decay Rate | 5 KV-0 Volts < 2.0 sec. | Electricals of MIL-PRF-81705D, Type II, Fed Test Method 101, Method 4046 |
| Poly Carbonate Haze | NE | 72 hr. Contact |
| Corrosivity Observations | NE | FTMS-101C, Method 3005 |
| Dart Impact | 230 gms | D-1709 |
| Melt Index | .050 gm/10 min. | D-1238 |
| Density | 0.923 gm/cc | D-1505 |
| Haze | 10% | D-1003 |
| 60 Degree Gloss | 90 | D-2457 |
| 45 Degree Gloss | 56 | D-2457 |
| Coefficient of Friction | 0.05 | D-1894 |
| 1% Secant Modulus | MD 24,000 psi | D-882 |
| (Stiffness) | MD 25,000 psi | D-882 |

Information and test results presented in this product specification are considered reliable, but conditions and method of use, which are beyond our control, may modify results. User assumes all liability regarding damage or loss arising from use of product. User shall determine the appropriateness of these materials for intended application and assumes total liability in the event of aforementioned damages.