LIBERTY CHEMICALS

PRODUCT INFORMATION DATA SHEET

ANTISTAT - 9500

Internal Antistatic Agent for Thermoplastic Polymers

DESCRIPTION : Fatty Acid Ester

SPECIFICATIONS :

Appearance	:	White beads/Powder
Acid Value	:	3.0 Max.
Iodine Value	:	2.00 Max.
Melting Point	:	65 ± 5°C

PROPERTIES :

- **ANTISTAT -9500** is generally recognized as safe for food contact applications.
- High polarity permits lower usage levels in Polyolefins
- Rapid action - effective antistat
- Outstanding thermal stability
- No yellowing/discoloration
- Ensures fast mould filling
- Reduced cycle times
- Easy release

APPLICATIONS : **ANTISTAT - 9500** is one of the most important and widely used Antistatic agent. **ANTISTAT - 9500** is a new generation, high activity Nitrogen free Antistat/Lubricant, specially effective in providing static electricity control in a large variety of Thermoplastic Polymers like Polypropylene, Polyethylene, Polyvinyl Chloride etc.

SUGGESTED USE LEVELS:

0.1% to 0.5 % for LDPE/LLDPE films
0.2% to 0.5 % for PP films
0.3% to 2.0 % for PP injection / HDPE moulded items.
0.5 % to 1.0 % for EPS moulding.
0.5 % to 1.0 % for plasticized PVC
3.0 % to 5.0 % for rigid PVC

continue 2/-

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PERFORMANCE OF ANTISTAT- 9500 IN VARIOUS PLASTIC

POLYMER	USE LEVEL	SURFACE RESISTIVITY (ohms)*
LLDPE	0.2 %	3.10^{10}
LDPE	0.5 %	2.10^{10}
HDPE	1.5 %	2.10^{11}
PP (Homopolymer)	2.0 %	7.10^{9}
Rigid PVC (Tin stabilized)	3.0 %	2.10^{11}
Rigid PVC (Ca-Zn stabilized)	2.0 %	4.10^{10}

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