

Sanyo PELESTAT[®] 300 Antistatic Additive

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer

Material Notes:

PELESTAT[®] alloy type anti-static additives are true IDP (Inherent Dissipative Polymers) that give permanent static dissipation performance to thermoplastics. Pelestat[®] comes tailored to a variety of thermoplastics like polyolefins, ABS, PC/ABS, PS, HIPS, Acetal Nylon, PBT, PTEG, etc. Pelestat[®] is not affected by moisture or humidity and offers the highest heat resistance of any anti-stats without affecting mechanical properties of the thermoplastic. Information provided by Tomen America, a US distributor of Pelestat.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sanyo-PELESTAT-300-Antistatic-Additive.php

| Physical Properties | Metric | English | Comments |
|---------------------|------------------------------------|------------------------------------|------------------------------------------------------|
| Additive Loading | 10 % | 10 % | to achieve surface resistivity=10 ¹¹ ohms |
| Melt Flow | 30 g/10 min @Temperature 190 °C | 30 g/10 min @Temperature 374 °F | ASTM D1238 |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|--------|---------|------------------|
| Melting Point | 135 °C | 275 °F | |
| Maximum Service Temperature, Air | 240 °C | 464 °F | Degradation Temp |

| Descriptive Properties | Value | Comments |
|--------------------------|--------------------|----------|
| Appearance | Pale Yellow Pellet | |
| Applicable Thermoplastic | Polyolefins | |

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