

Sanyo PELESTAT® 2450 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) and 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-2450-Antistatic-Additive.php

Physical Properties	Metric	English	Comments
Additive Loading	25 - 30 %	25 - 30 %	to achieve surface resistivity=10 ¹¹ ohms
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 Â°C	12 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ASTM D1238

Thermal Properties	Metric	English	Comments
Melting Point	130 Â°C	266 Â°F	
Maximum Service Temperature, Air	280 Â°C	536 Â°F	Degradation Temp

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+10 ohm	1.00e+10 ohm	kept at 23Â°C under 50% R.H.

Descriptive Properties	Value	Comments
Appearance	Pale Yellow Pellet	
Applicable Thermoplastic	PE	

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