

Sanyo PELESTAT[®] NC6321 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-NC6321-Antistatic-Additive.php

Physical Properties	Metric	English	Comments
Additive Loading	10 - 15 %	10 - 15 %	to achieve surface resistivity=10 ¹¹ ohms
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 215 Â°C	20 g/10 min @Load 4.76 lb, Temperature 419 Â°F	ASTM D1238

Thermal Properties	Metric	English	Comments
Melting Point	202 Â°C	396 Â°F	
Maximum Service Temperature, Air	285 Â°C	545 Â°F	Degradation Temp

Optical Properties	Metric	English	Comments
Refractive Index	1.51	1.51	

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+9 ohm	1.00e+9 ohm	kept at 23Â°C under 50% R.H.

Descriptive Properties	Value	Comments
Appearance	Pale Yellow Pellet	
Applicable Thermoplastic	ABS, HIPS, PC/ABS alloy, PBT, Nylon	

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