

avanStatic- PU-MEG

Product description.

AVANSTATIC-MEG is a complex dispersion based on the use of inorganic salts and TiO₂ functionalized nanoparticles specially designed to generate antistatic systems and ESD.

AVANSTATIC is specially designed for applications in ester based polyurethanes. The product can be free or with a small proportion of water depending on the application. The system is easily adjustable and can be used in self treating or enhancing ESD in antistatic systems.

System is applicable and easily adjustable for PU ester systems of all kinds of densities from foams up to fully rigid materials.

Product specifications.

Avanstatic MEG is an extremely effective product reaching ESD systems at low concentrations of product added (1-5 % total formulation), making it a very interesting product for applications in any type of polyurethane.

Technical Characteristics

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Appearance	Colloidal dispersion MEG
Resistance range	100-0,1 MOHM/cm
Water content	Anhydrous
Resistance	1 % total--→ 8 MOHM/cm 3% total -→ 2 MOHM/cm 5.5 % total -→ 0,5 MOhm/cm

- Data for guidance only. Data obtained on 400 kg/m³ PUR.

Instructions for storage.

The product can be stored unopened in its original packaging for at least 6 months without losing its characteristics. If the product has been handled incorrectly you can observe phase separation or polymerization. In both case mix and heat the systems to recover their effectiveness before being employed.

Application.

avanSTATIC-PU-MEG can be added directly or mixed with other components previously in the manufacturing process of PU.

Other information.

The implementation of anti-static preliminary test is recommended to determine the most appropriate concentration for processing.

Before use we recommend reading the product safety data sheet and use in accordance with the norms marked on it.

For more information contact TZ GROUP fzavala@tzgroup.com

