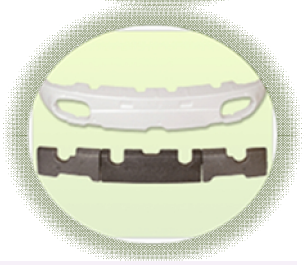
JISTAT-AB800

Antistatic Agent for the Treatment of Diffusion Sheet and EPS/EPP/EPE Foam

JISTAT-AB800 is an anti-static agent for the treatment of plastic surfaces; and can be employed to treat the floors, worktables, and tools where the incidence of static charges must be eliminated. JISTAT-AB800 can be used when existing antistatic agents have not reached their targeted antistatic performance regardless of the plastic or resin it is applied to. JISTAT-AB800 can be applied to all plastics regardless of what kind of resin.

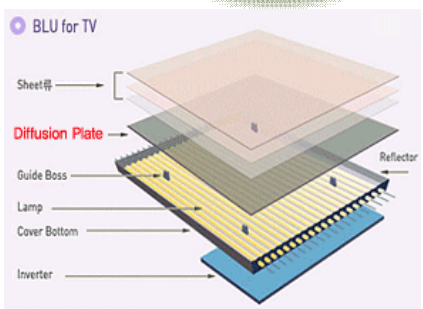
JISTAT-AB800 shows excellent antistatic performance on EPS/EPP/EPE Foam that is commonly used as packing material for electronic devices and display panel.

JISTAT-AB800 is an anti-static agent to treat light diffusion sheets where the incidence of static charges must be eliminated for LED displays



◎ FEATURES

· Excellent antistatic and dissipative activity (10^7~$10^9\Omega$/sq)
· Control of electrostatic discharge at low concentration.
· Easy inexpensive to use and long-lasting.
· Excellent light stability and heat resistance
· Superior moisture retaining qualities.
· Non-toxic, safe to us.



◎ APPLICATION

· Effective on light diffusion sheet for LED display
· Effective on EPS/EPE Foam (Packaging foam)
· Effective on EPP Foam (Bumper energy absorber and Side impact door pad for Car)
· Effective on carpeting, walls, ceilings, tools, work surfaces, conveyor belts, tile floors and other materials.

☞*Application Example*

Antistatic Agent	Resin	Coating Method	Surface Resistance (Ω/sq)
JISTAT-AB800	EPS Foam	Spray	$10^{7\sim9}$
	PS diffusion sheet	Rolling	$10^{7\sim9}$

- Humidity : 45%, Temp : 20 ± 1℃
- Relative Humidity: BACHARACH (PITTSBURGH,PA15238)
- Surface Resistance: JAPANSHISHIDOMEGASTATHT-301

◎ METHOD OF USE

JISTAT-AB800 can be applied via spraying, dipping, wiping, rolling and printing to surface materials such as (sheet, film, foam, etc.,) to eliminate static build-up.

SOLVENTS COMPATIBLE WITH STATICIDE CONCENTRATE

DISTILLED WATER
ETHYL ALCOHOL
METHYL ALCOHOL
ISOPROPYL ALCOHOL

· EPS/EPE Foam (Packaging foam)

- Use the methods for surface treatment with spraying an undiluted solution of JISTAT-AB800 and then dry the treated surfaces.

· PS diffusion sheet for LED display

- Dilute JISTAT-AB800 with 40-60% weight distilled water and then use the Methods for surface treatment include spraying, dipping, wiping, rolling, and printing and then dry the treated surfaces.

· EPP Foam (Bumper energy absorber for car)

- Use the methods for surface treatment with spraying an undiluted solution of JISTAT – AB800 and then dry the treated surfaces.

◎ PHYSICAL PROPERTIES

· Appearance : Colorless transparent liquid

· Ingredient : Phosphonic acid and ester compounds

· Solvent : Ethanol

· Ionic : Anionic

· pH (3% aqueous solution) : 7.0 ± 1.0

· Solubility in water : Complete

· Toxicity : None

· Surface tension reducing power : Superior

· Freeze-Thaw capability : Excellent

◎ HANDLING & STORAGE

Storage stability: At least 24 months under normal conditions.

Storage and transport: Recommend a storage temperature of 5~30 C.

Direct exposure to the sun should be avoided.

Do not use near fire or flame.

Further remarks: References to measurements in case of accidents and fires as well as further information about ecology, toxicology, transport and storage are given in the separate Material Safety Data Sheet.

◎ PACKAGING

18 kg / 180 kg / 950 kg Plastic Drum

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