

## CAMELON 701

### Antistatic Agent for PP Spunbond and Nylon Gloves

CAMELON 701 is an antistatic agent especially formulated for PP Spunbond, Nylon gloves and synthetic fiber applications. Synthetic fibers are so poor at attracting moisture from ambient air that static discharges and electric shock frequently occur on the surface of the polymers thus ruining and damaging the effectiveness of the said textile or electrical components being worked upon.

CAMELON 701 is a superbly effective antistatic agent whose quality ( $10^7\sim 10^9\Omega/\text{sq}$ ) lies near the conductive range of static buildup. As a result, CAMELON 701 is particularly well suited to PP Spunbond and Nylon gloves applications in semiconductor and electrical research laboratories.



#### ◎ FEATURES

- Excellent antistatic and dissipative activity ( $10^7\sim 10^9\Omega/\text{sq}$ )
- Compatible with all sizes
- Excellent light stability and heat resistance
- Superior moisture retaining qualities.

#### ◎ APPLICATION

- PP Spunbond ( Antistatic Coveralls & Hoods )
- Antistatic Gloves ( ESD PU Top Fitting Gloves )

#### ◎ USE METHOD

Generally dilute 2.0~10.0% weight in cold or warm water. Spray or dip synthetic fabric with solution and squeeze out excess liquid. Allow to dry at ambient temperature. Quality assurance test will measure a pick-up ratio of 0.8% to 1.4% for peak effectiveness after solution is dried.

*Application Example*

Antistatic Agent	Resin	Pick up	Surface Resistance( $\Omega$ /sq)
CAMELON 701	PP Spunbond	1.0 %	$10^7$
	PU Top Fitting Nylon Gloves	1.0 %	$10^7$

- Humidity : 45%, Temp :  $20 \pm 1^\circ\text{C}$
- Relative Humidity: BACHARACH (PITTSBURGH, PA 15238)
- Surface Resistance: JAPAN SHISHIDO MEGASTAT HT-301

◎ PHYSICAL PROPERTIES

- Appearance : colorless transparent liquid
- Ingredient : phosphonic acid and ester compounds
- Active Ingredient :  $32.0 \pm 2.0 \%$
- Ionic : anionic
- pH (10% soln.) :  $7.0 \pm 1.0$
- Viscosity (25 $^\circ\text{C}$ , cSt) :  $5.5 \pm 0.5$

◎ HANDLING & STORAGE

Storage stability: At least 12 months under normal conditions.

Storage and transport: Recommend a storage temperature of 15~30 C.

Direct exposure to the sun should be avoided.

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

100 kg Plastic Drum / 200 kg Plastic Drum