



S-30

PRODUCT INFORMATION

DESCRIPTION

MATRIX (Guangzhou) Metamaterials Co., Ltd. S-30 is a free flowing, white to off-white crystalline solid with the following properties.

SPECIFICATIONS

Antimony,wt%	33.5~35.5
Chloride,wt%	≤0.1
LOD,wt%	≤0.5
Melting Point, °C	50.0~56.0
L*	≥95.0
a*	-1.0~2.0
b*	-1.0~6.5
Fe,ppm	≤30
Appearance	White to off-white crystalline solid
Density(g/mL)	1.5
Solubility	Insoluble in water.Slightly soluble in ethyl alcohol.Soluble in benzene, toluene, petroleum, ethyl ether and chloroform.

PACKAGING

S-30 is available in 25.0Kg drums.

CONTACT INFORMATION

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APPLICATIONS

General Area	Reaction/Application	Remarks
Chain Transfer Agent	Polymerisation	Vinyl esters.Acrylics
Free Radical stabilizer	X-linking,Pot-life extender	SMC,BMC,unsaturated Polyesters,Vinyl esters,Acryl
Catalysis	Polymerization	Low pressure, UV-induced, and Ziegler-Natta polymerization of ethylene, propylene, norbornene and other olefins. Polymerization of bisglycol esters, epoxides and formaldehyde.
	Dimerization and Oligomerization	Reactions of propylene and acrylonitrile. Butadiene-acrylic acid and isoprene-methyl acrylate co-monomer systems.
	Oxo	Ligand for transition metal catalyzed hydroformylation of olefins Acetaldehyde from methanol and synthesis gas.
	Reduction	Selective hydrogenation of olefins and acetylenes. Reduction of aromatic nitro compounds.
	Other	Disproportionation and hydrosilylation of olefins. Allylic rearrangement reactions.
Additives	Antioxidant	Inhibit oxidation of aldehydes and olefins.
	Corrosion Inhibitor	Prevent corrosion of steel in mild acid solution.
	Flame Retardant	For polyester, epoxy, polyimide, polyether and polyolefin resins.
	Gasoline/Oil	Gasoline antiknock agent. Additives for lubricants and hydraulic fluids.
Photography	Antifog	Fog inhibitor and image stabilizer in photosensitive films and copying materials.
Biocidal	Pesticide	Fungicide, bactericide and termite repellent.

NOTE: Please consult MSDS for updated and detailed safety and health information.

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