

Chartwell B-600.6

TECHNICAL DATA

ADHESION PROMOTERS

GENERAL DESCRIPTION:

A sulfido functional organic adhesion promoter synthesized using a **STABILIZED BIMETAL PRECURSOR**. The product is supplied in ethylene glycol to aid in rapid dispersion and solubilization of the active component in polymer matrices.

PHYSICAL PROPERTIES:

Physical form	Clear liquid
Color	Pale yellow
Metal content (Total %)	4.2 - 4.8
Complexed organics	17.5 - 19.5
Specific gravity (g/ml)	1.27
pH (2% soln)	6.8
pH (as supplied)	8.6
Active matter (wt %)	31.5
Solvent	ethylene glycol
Organofunctionality	sulfido

APPLICATION:

(1) Adhesives: Recommended for WB elastomeric adhesives, epoxy (especially dicyanamide cured) and urethane adhesives to enhance adhesion to metals, plastics, and elastomers. Increased T-peel strength. Improved resistance to moisture, heat and corrosive environments.

(2) Elastomers: Recommended for mineral filled (silica, etc.) or carbon black pigmented sulfur cured elastomers at 1-2 phr to improve physical properties tensile, tear, and abrasion resistance.

PROCEDURE:

Addition to the grind stage with high shear mixing is strongly recommended.

It is recommended that evaluation be conducted at both 1.0 and 2.0 phr (parts adhesion promoter on polymer solids.) See **Chartwell Use Procedure** bulletin.

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