



Ethox

CHEMICALS, LLC

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TECHNICAL BULLETIN

E-SPERSE 100

Patented

For Polymers

PERFORMANCE BENEFITS:

E-SPERSE 100 is an excellent emulsifier for the production of oil in water polymer emulsions. This product reduces the competition between the polymer and pigment, thereby increasing stability. Smaller particle size and lower viscosity result, which means higher polymer solids or higher additions of organic/inorganic pigments.

APPLICATION DATA:

Add 1.5%-4% to the monomer blend or 0.75%-2.0% on total weight of formulation. Suggested polymers are styrenated acrylics, acrylic emulsions, solution acrylics, and styrene maleic anhydride.

TYPICAL PROPERTIES:

Appearance:	Clear to slightly hazy amber liquid
Ionic Nature:	Anionic
Solubility:	Clear in water
pH (10 % DI Water):	7.0 – 8.0
% Water:	27 – 30
% Activity:	60 minimum

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