



Technical Data Sheet

Triethanolamine (TEA) 85% · CAS 102-71-6 · C₆H₁₅NO₃

TECHNICAL DATA SHEET (DRAFT) - TEA 85%

Product Description: Triethanolamine 85% is a tertiary amine used as an intermediate and functional additive across various industries.

Typical Physical Properties:

- TEA Content: 85.0% Min
- Water Content: 0.5% Max
- Color (APHA): 50 Max
- Specific Gravity (at 20°C): 1.120 - 1.130
- Refractive Index (at 20°C): 1.480 - 1.490
- Freezing Point: ~18°C

Application Guidance:

In cement manufacturing, add TEA 85% at a dosage of 0.02% to 0.05% relative to clinker weight to improve grinding efficiency and powder fluidity. For cosmetic formulations, TEA 85% should be neutralized with fatty acids (like Stearic Acid) to form stable emulsifiers.

Disclaimer: This TDS is for informational purposes. Trials are recommended for specific formulations.



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