



Technical Data Sheet

Apcotex[®] TSN713

CHEMICAL DESCRIPTION

Apcotex TSN713 is Styrene-Butadiene Latex used for modification of hydraulic binders. The dispersion is free from plastisizers and film forming aids.

It is manufactured by employing state-of-the-art emulsion polymerization technology ensuring product consistency

APPLICATIONS/ADVANTAGES

- Hydraulic cement admixture, flexible cementitious waterproofing coatings, oil well cementing
- High resistance to alkaline hydrolysis
- Provides excellent water impermeability and chemical resistance
- Excellent workability at reduced water/ cement ratio
- Improved bonding and adhesion to substrate
- Excellent stability against electrolytes
- Provides freeze/thaw resistance

SAFETY AND HANDLING

- General safety precautions such as goggles, gloves and face shields should be used while handling. (Refer MSDS for detail information).

PRODUCT SPECIFICATIONS

Appearance	Milky white pourable liquid
Emulsifying System	Synthetic anionic and nonionic
Total Solids (%)	48.5 ± 1.0
pH at 25°C	8.0 ± 1.0
Brookfield Viscosity LVF (CPS) SP.1, 12 RPM at 25°C	20 - 100
Surface Tension (Dynes/cm) at 25°C	35 ± 5.0
Specific Gravity	1.020 ± 0.005
Glass Transition Temperature (°C)	- 5
Dilutability with water	Dilutable in any proportion
Compatibility	Compatible with Cement and Concrete mixture

STORAGE RECOMMENDATIONS

- Store between temperatures of + 5°C and 40°C. Keep containers closed when not in use.
- Self-life: Six month from data of manufacturing provided stored under shade, away from direct heat and sunlight and well protected from freezing.
- Packing: Flexi, 220 /200 Kg HDPE Drums

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