

Lomar[®] D

High Molecular Weight Polynaphthalene Sulfonate, Sodium Salt

Lomar[®] D

Product Bulletin

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Lomar[®] D is a highly effective dispersant that performs over a broad pH range, in acid or alkaline media, hard or soft waters and in some degree of salinity. When used as a dispersant in cement slurries, **Lomar[®] D** will improve the flow properties of the slurry, reduce hydraulic horsepower requirements, and will allow removal of the mixing water resulting in a more dense cement slurry. With the use of **Lomar[®] D** cement slurries can be tailored for specific well requirements providing optimum slurry characteristics for any down hole condition.

Lomar[®] D, as a free-flowing powder, can be dry-blended with the cement before it is transported to the job site and can be easily dissolved in the mixing water.

Technical Data	Typical Properties
Appearance	Tan, free-flowing powder
Moisture, %	7 Max.
Bulk Density, lb/ft ³	38-42
Active Content, %	84
Na ₂ SO ₄ Content, %	12
pH, 2%	9-10

Dosage & Application

Used at the recommended levels of 0.3 to 2% by weight of cement, **Lomar[®] D** will:

- ◆ Improve slurry flow properties
- ◆ Allow slurry turbulence at lower pump rate
- ◆ Enable slurries to be modified at a lower water rate to achieve densities of up to 20 lb/gal
- ◆ Lower the yield point and gel strength of the slurry
- ◆ Permit lowering of water/cement ratio, resulting in higher early and ultimate compressive strength

Because it is a synthetic product, **Lomar[®] D** always exhibits uniform properties. It is non-foaming and does not contribute to corrosion or mold growth problems.

Lomar[®] D has a temperate stability of over 350°F (177°C). When used at the recommended dosage levels, it will not significantly affect the cement heat of hydration by imparting accelerating or retarding effects.

Packaging, Storage & Handling

Lomar[®] D is available in 50 lb / 22 kg paper bags or 1700 lb / 770 kg supersacks.

Store in a dry place.

Additional handling information is contained in a Material Safety Data Sheet, which is available upon request.

Freight Classification

Lomar[®] D is classified for freight as: Cleaning, Scouring or Washing Compounds NOI; or Soap, NOI Liquid or other than Liquid or Soap Powders.

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