

Morwet D-425 Powder

Alkyl naphthalene sulfonate (ANS) condensate

Morwet D-425 Powder is a sodium salt of naphthalene sulfonate condensate (NSC). Anionic naphthalene sulfonate condensate used as primary dispersant. It is an industry benchmark to achieve short milling time and low viscosity premix. It brings electrostatic stabilization and makes the formulation stable towards temperature changes.

Specifications

Anionic active content	≥ 87 %
Appearance	Powder at 25°C
Moisture	≤ 4.0 %
pH	7.5-10.0 (5% in water)
Salt content	7.0-10.0 %

Characteristics

Foam Height according to Ross-Miles	initial: 40 mm; after 5 min: 30 mm, 25°C, 0.05% in Standard Water D initial: 70 mm; after 5 min: 25 mm, 25°C, 0.05% in de-ionised water
Surface Tension according to Du Noüy, 25°C, 0.1% DIN 53914	60 mN/m
Wetting power according to Draves, 25°C, 0.1%	≥5min

Notes:

Typical Data are based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

Storage

The plant claims 5 years from the date of manufacture. Powders should be protected from moisture, but no temperature requirement since we are dealing with powders.

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The logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a lowercase, sans-serif font.