



## Morwet D-390 Powder

Morwet D-390 Powder is a blend of alkyl naphthalene sulfonate condensate/Lignosulfonate.

### Specifications

Parameter	Limits	Method
Appearance, 25°C	Powder	
pH, 5% in 25% IPA	7.5-10	
Water content	2-5%	

### Typical Data

Chemical and Physical data	Typical values
Active content	90%
Density, 25°C	420 kg/m <sup>3</sup>

#### Surface active characteristics

	Typical values
Foam height, according to Ross-Miles, 25°C, 0.05% in de-ionised water	immediately: 50 mm; after 5 min: 30 mm
Foam height, according to Ross-Miles, 25°C, 0.05% in Standard Water D	immediately: 35 mm; after 5 min: 5 mm
Surface tension according to Du Noüy, 25°C, 0.1% DIN 53914	55 mN/m
Wetting power according to Draves, 25°C, 0.1%	>600 sec

#### Solubility

The solubility of 5% Morwet D-390 Powder at 25°C is as follows:

Ethanol	insoluble
Isopropanol	insoluble
Mineral oil	insoluble
Propylene glycol	insoluble
Vegetable oil	insoluble
Water	soluble

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

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