



NUMBER 4595-1 (Supersedes 4595)

Admiral™ MO 1030 fluidized polymer suspension

Liquid Cellulosic Rheology Modifier for Paper Coatings

Description

Admiral MO 1030 fluidized polymer suspension (FPS) is a 50% suspension of a CMC derivative for use in paper coating applications. This FPS can be readily dispersed and dissolved in cold or hot water, yet is formulated for direct addition to a paper coating.

Key Attributes

- Rheology modifier
- Protective colloid
- Water retention agent
- Stabilizer
- Suspending agent and lubricant in paper coating compositions
- Viscosity and rheology control without the need for separate activation material such as caustic or ammonia
- Contains no water and therefore no reduction in coating solids is imparted

Applications and Usage Notes

Admiral MO 1030 FPS is used in paper making such as:

- **Surface sizing** – Curl control, prevents dusting, less linting, reduces porosity
- **Paper coating color** – Improves paper strength, serves as a rheology modifier, superior water retention agent, high binding power, fluorescent whitening agent carrier, lubrication of the blade

Usage Notes:

As a liquid rheology modifier, Admiral MO 1030 FPS can be added to any coating makedown vessel (continuous or batch) through either metering pump, transfer pump or batch addition. Order of addition is flexible in that it can be added at any point of the mixing cycle.

Typical Product Properties

Appearance:.....	light cream to white liquid
Density at 25°C, kg/l:.....	1.01 – 1.10
Viscosity, Brookfield LVF, 30 rpm at 25°C, mPa·s:.....	.800 – 3500
Total active content, %:.....	.45
Freeze/thaw stability:.....	stable
Pour point, °C:.....	-20
Slurry stability, °C:.....	-20 to 35
Liquid flow:.....	excellent pumpability and mixability
Dissolving time:.....	about 5 minutes
Flash point, °C:.....	135

Packaging Information

Product	Physical Form	Pkg Type	Net Wgt (lbs)	Net Wgt (kgs)
Admiral™ MO 1030	Liquid	IBC	2,205 lbs	1,000 kgs
Admiral MO 1030	Liquid	Bulk	-	-

Product Safety

Read and understand the Safety Data Sheet (SDS) before using this product.

To learn more, visit ashland.com

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