Coadd™ H-6120

Rheology modifier

DESCRIPTION

Coadd™ H-6120 is a solvent-free, polymeric alkali-swellable emulsion thickener, offering exceptional thickening effects with low shear viscosity. When neutralized with alkali in a waterborne system, it rapidly delivers excellent low-shear viscosity, imparting high pseudoplasticity, thixotropy, and gel structure to the formulation, with excellent anti-drip performance. This product is highly efficient in establishing low-shear viscosity, making it easy to achieve a strong gel structure that remains stable even after the shear force is removed. As such, it is particularly suitable for formulations that require moderate 3D patterning effects in coatings.

PHYSICAL PROPEERTIES

Appearance	Milky white liquid
Density（g/ml）	1.05
Active content (%)	30
Viscosity (25°C, mPas)	<300

Note：These properties are only typical, and do not represent product specifications

APPLICATION CHARACTERISTIC AND ADVANTAGES

Coadd™ H-6120 offers exceptional low-shear viscosity thickening effects, providing outstanding in-can stability and anti-drip performance. For optimal performance, it is recommended to dilute the product with water at a 1:1 ratio before gradually adding it to the system, ensuring the final formulation is slightly alkaline, with a pH value between 8 and 9.

Suggested dosage (based on the total formulation): 0.2 – 0.8%

Above dosage are only for orientation, optimum level of dosage should be determined via laboratory tests.

SAFETY NOTICE

Before using the products, please refer to SDS for detailed safety data, handling and storage procedures recommended.

DISCLAIMER

It is common proposal for product usage and demand above information based on our professional knowledge. Due to environmental uncertainty and out of our control from practical process, please test and make evaluation ahead of use to ensure efficient and safe. For your reference, the above information is only for commonly known and use the product. It is guaranteed to meet quality and product specification.

**Please refer to SDS for more information

No 3399 Kang-Xin Highway, Building 17, 5th Floor. Pu-Dong District, Shanghai
E-Mail: Service@polywill.com

1 / **1**