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## Emulsion

### R1205

#### Features and advantages:

R1205 emulsion is a non-ionic oil-in-water emulsion based on modified polyethylene wax. Improves the surface properties of water-based printing inks and coatings, and acts as an anti-caking agent in thermoplastic and hot melt adhesives.

1. Coatings and printing inks: In water-based coatings, this additive improves scratch resistance. In the printing ink, it can especially increase the wear resistance, and the surface smoothness and anti-adhesion are also improved.
2. Adhesive: Used as an anti-adhesion agent in the underwater granulation process of hot melt adhesives to obtain a free-flowing and non-adhesive granular material.
3. Thermoplastics: Granular thermoplastics tend to agglomerate and agglomerate under pressure and heat, and R1205 forms a protective layer covering the colloids, thus forming non-adhesive and free-flowing granules.

#### Physicochemical property:

appearance	Milky white
Solid inclusion	45%
pH value	4 to 6
Specific gravity, 25°C	About 1.0
Emulsion type	nonionic
diluent	water



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**Product Application:**

The recommended dosage is 2-5% of the formula

Note: The above process is for reference only, the specific formula and process please be handled according to the sample results

**Storage and storage period**

Stored in an original unopened container at 5 ° C to 30 ° C, R1205 has a standard expiry date of 6 months from the production date. Please refer to the storage advice and expiration date on the package