

Technical Data Sheet

TL-205N Special Polymer Emulsion

Product Characteristics

本品为一种含乙烯基和丙烯酸基的特种高分子乳液，几乎不含乳化剂，成膜后与金属、纤维塑料、玻璃等各种材料具有良好的粘接性，成膜硬度和韧性，附着高，光亮防水。本品可用作挤压涂装的粘结层和底漆，并用于金属薄片层压板涂料、特种纸品涂料、纸品上浆助剂，水性热熔胶涂层和无纺布粘结剂等。并应用于金属防锈、地板抛光护理等领域

This product is a vinyl- and acrylic-based special polymer emulsion nearly free of emulsifiers. After film formation, it possesses excellent adhesion with metals, fiber, plastic, glass and other materials, film hardness and toughness, high adhesion, brightness and water repellency. It can be used as bonding layer and primer for extrusion coating, laminated sheet coating for metal sheet, special paper coating, paper sizing agent, water-based hot melt adhesive coating, non-woven adhesive, etc. It can also be applied in metal antirust, floor polishing and care, and other fields.

Performance and Features

本品由进口高性能原辅材料及多种助剂而成，可溶于水和部分有机溶剂。

This product is made of meticulously selected high-quality raw and auxiliary materials and additives soluble in water and certain organic solvents.

- 几乎不含乳化剂，成膜可赋予涂层和粘结层抗水、抗油脂和抗溶剂性。成膜性好，膜硬度、韧性均佳，拉伸强度高。成膜对金属有防锈性。

It is nearly free of emulsifiers, and its film can impart coating and bonding layer with sound resistances to water, grease and solvents. It has good film-forming property, hardness and toughness, and high tensile strength. The film make metals antirust.

- 与金属、纤维塑料、玻璃等各种材料具有良好的粘接性，在涂料和胶黏剂领域应用广泛。

It has excellent adhesion with metals, fiber, plastic, glass and other materials, and can be widely used in the fields of coatings and adhesives.

Technical Specification

Appearance	Light semi-opaque emulsion
Wax Type	HDPE wax
Emulsion System	Nonionic
Melting Point (°C)	85
Solids (%)	19.0-21.0
Mean Particle Size (μm)	D50 ≤0.1
pH	9.0-11.0

Application Scope

本品可用作挤压涂装的粘结层和底漆，并用于金属薄片层压板涂料。

It can be used as bonding layer and primer for extrusion coating, laminated sheet coating for metal sheet.

特种纸品涂料、纸品上浆助剂，水性热熔胶涂层和无纺布粘结剂等。

Special paper coating, paper sizing agent, water-based hot melt adhesive coating, non-woven adhesive, etc.

与 TL-2011 等蜡乳液复配，可用于地板护理等行业。

It can be combined with TL-2011 wax emulsion for the floor care and other industries.

用于金属防锈领域等。

It can be used in the field of metal antirust. Adding method and processing instruction

Precautions

1. 本品采用 50kg、200kg 塑料桶包装，应在密封避光，阴凉放置，注意防冻。

This product is delivered in 50 kg, 200 kg plastic drum. It shall be stored in sealed and cool place, avoiding light and freezing.



2. 在室温下原包装的保质期为六个月。一旦容器打开，建议短时期内使用完。

The shelf life of the product in the original packaging at room temperature is six months. Once the container is opened, it is recommended to use it completely in a short period of time.

3. 为保证产品的均一性，请于使用前摇匀，建议使用前过滤产品。在与树脂、溶剂及其他物质混合时请预先试用其适应性，尤其要考虑 PH 值。一般推荐在混配过程最后加入蜡乳液。如在水体系冲稀使用，体系 PH 值不应低于 8.5。本品无毒、轻微气味，不易燃。

To ensure the uniformity of the product, please shake up thoroughly before use, and it is advisable to filter before use. Before mixed with resins, solvents, and other substances, please test the suitability in advance, especially take into account of pH. It is generally recommended that wax emulsion be added to the blending process at last. If it is used after dilution in an aqueous system, the pH of the system shall not be less than 8.5. This product has a slight odor, and is non-toxic and non-flammable.

4. 本说明供参考使用，不具任何保证性质。

This information is provided for reference only, and shall not be construed as guarantee.