

Durle® SI-206 Water-based Polyamide-imide(PAI) Resin

Product Durle® SI-206 Water-based polyamide-imide(PAI) resin is a high-performance resin material

Introduction developed by Quark. It was specifically designed to meet the conventional requirements of water-based non-stick coatings, offering good compatibility with water and other water-based resins. Furthermore, it provides high gloss, high hardness (especially hot hardness), high wear resistance, and high corrosion resistance that outperform comparable products on the market. Additionally, non-stick coatings prepared with this material exhibit a bluish tint and are less prone to yellowing.

※ The solvent composition of this resin includes water, NMP, and other co-solvents

Application

- ✓ Water-based high temperature resistant coatings.
- ✓ Water-based high temperature resistant adhesives.
- ✓ Enameled wire.

Product	Appearance:	Reddish brown liquid
Index	Viscosity:	2,000-4,000cps
	pH:	8.50-10.00
	Specific Gravity:	1.00-1.20
	Solid Content:	25.00-27.00%

Method of application It can be ground with pigments as well as added as the primary resin.

Storage Store at temperatures between -5°C to 40°C, protected from direct sunlight. Keep tightly sealed. Shelf life: 12 months (unopened).

Packaging 50kg/plastic drum; 200kg/plastic drum

Discharge Do not discharge it into the wastewater system, put it in a specific container for professional disposal.

Emergency treatment 1. In case of leakage or spillage, collect it in a container and clean the ground pollutants with a cloth.

2. If this product accidentally come into contact with the eyes, rinse immediately with plenty of water for at least 15 minutes. If discomfort persists, seek medical attention immediately.
3. If this product comes into contact with the skin, wash with water and soap. Seek medical attention immediately if discomfort occurs.
4. If discomfort occurs from accidental inhalation of spray, move to fresh air immediately and seek medical attention without delay