

Low-VOC Water-based Pigment Preparations

Applications

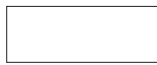















- For coloring interior paints used in environments that demand specific indoor conditions, such as houses, schools, hospitals, restaurants, shops, offices, bathrooms, indoor pools, and food factories.
- For coloring emulsion paints and water-soluble resin paints
- For coloring building materials (e.g. concrete, corrugated wall, and plaster)



Characteristics

- They are color bases with organic and inorganic pigments dispersed in it, and a VOC (Volatile Organic Compound) content of less than 0.1% (1,000 ppm).
- They use our proprietary special water-soluble acrylic resin that has compatibility with a wide range of resin systems.
- They offer high coloring power, high glossiness, high pigment content, and excellent color tone stability.
- Speedy color matching can be achieved by linking to our CCM (Computer Color Matching) system.

Representative Products

Product name	Full shade	Tint shade	Main pigment used		Pigment content	Resin content
			Composition	C. I. Generic Name		
5002 White			Titanium oxide	PW-6	60~70%	5~10%
5012 Yellow			Iron oxide yellow	PY-42	45~55%	5~10%
5041 Brown			Iron oxide red	PR-101	55~65%	5~10%
1012 Yellow			Benzimidazolone yellow	PY-154	35~45%	1~5%
1032 Red			Quinacridone red	PV-19	35~45%	5~10%
1053 Blue			Phthalocyanine blue	PB-15	20~30%	1~5%
1063 Green			Phthalocyanine green	PG-7	15~25%	1~5%
5091 Black			Carbon black	PBk-7	40~50%	5~10%