



Developing Relationship

ICLAY 21E[®] ORGANOCCLAY RHEOLOGICAL ADDITIVE

SINGLE INVENTORY + MULTIPURPOSE + ECONOMICAL + COST EFFECTIVE

ICLAY 21 E[®] IS BASED ON QUARTERNARY AMMONIUM MODIFIED HECTORITE BENTONITE CLAY CHEMISTRY.

SPECIFICATION

• Appearance	Off White Powder
• Granularity (200 mesh)	> 95%
• Moisture H ₂ O (105°C)	0.5~3%
• Pas Viscosity MPa.S	< 1
• Loss on Ignition (LOI)	28~32%
• Bulk Density	1.60-1.70g/cm ³

ADVANTAGES

Easy to Pre-Gel & Disperse
Easy to use in systems
Easy to control Viscosity
Easy to control Thixotrophy
Easy to Sag & Settle control
Easy to maintain Stability

APPLICATIONS

- Synthetic Enamel
- Quick Drying paints QD
- Automotive Finishes
- Epoxy Coatings
- Marine Coatings
- Industrial Coatings
- Heat Resistance Coatings
- Printing Inks
- Nail Polish
- Anticorrosive Coatings
- Road Marking Paints
- Adhesive

RECOMMENDED DOSES

- ICLAY 21 E[®] doses range between 0.2 % - 2.0 % based on total formulation .

DOSES INCORPORATION

- ICLAY 21 E[®] Pre-Gel can be incorporated any stage of paint manufacturing process.
- ICLAY 21 E[®] Direct Dry Powder can be incorporated during Grinding process.

SHELF LIFE

- ICLAY 21 E[®] Shelf Life is 24 months from the date of Manufacturing.

PACKING

- ICLAY 21 E[®] available in 25kgs/Paper bag.