

Dispersing Agent DA41K

Version 2026-10-22b · Revision 2026-10-22

Chemical Group

Polymeric Dispersant

Product Description

DA41K is a 100% active content polymeric dispersant for inorganic pigment (TiO₂) / fillers for solvent base, water based, and UV curing systems.

Applications

- Wetting, dispersing, and stabilizing inorganic pigments (TiO₂) / fillers
- Coating, Ink, Plastic applications
- For solvent base, water base & UV curing systems
- Compatible coating resins include: polyurethane, acrylic, alkyd, epoxy, and polyester
- Compatible ink resins include: PU & PVC
- Compatible plastic polymers include: PU & PVC

Advantages

- Increase storage stability & dispersing and grinding efficiency
- Outstanding anti-floating compared with market dispersants
- Increase flow of mill base

Dosage and Method of Use

Pigment	% of active content
TiO ₂	1-2%

Order of Addition

Mix DA41K into millbase (Stir evenly). Add pigments while stirring and disperse in the usual routine.

Heavy Metal Content

CONTENT	Sb	As	Ba	Cd	Cr	Pb	Hg	Se	Zn
ppm	<5	<2.5	<10	<5	<5	<5	<5	<5	<10

Physical Data

Density (g/cm ³)	1.1
Form of supply	Transparent High Viscosity Liquid
Colour, Gardner scale (Gardner)	≤2
Viscosity	≤600 cps / 25°C
Active content (%)	100

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.

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Applications

Coatings		Plastics		Inks	
Automotive Coating	●	PVC	●	Solvent based	●
Industrial Coating	●			Water based	●
Decorative Coating	●			UV / EB	●
Coil Coating	●				
Wood Coating	●				
Powder Coating	●				

● Recommended ○ Limited suitability – Not recommended

Packaging, Shipping & Storage

Dispersing Agent DA41K is supplied as transparent high viscosity liquid. The product is packed in 200 kg metal drum and shipped on pallets of 800 kg. Store under normal temperatures, dry and protected from weather. Shelf life: 5 years from manufacturing date.

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