

Dispersing Agent DA20K

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

CAS No. 109265-72-7 Chemical Group Polymeric Dispersant

Product Description

DA20K is a 100% active content polymeric dispersant which improves pigment dispersion and stability in liquid organic media.

Applications

- Flexographic Inks
- Waterbase Paint & Inks
- Polyether Polyol Dispersions
- Plasticiser Dispersions

Advantages

- Increased pigment wetting and tinctorial properties
- Improve performance of poor wetting resins
- Produces highly pigmented concentrates making it ideal for mixing schemes

Dosage

Pigment	wt % of active content
Organic Pigment	8-12%
Carbon Black	10-20%
High surface area Carbon Black	40-60%

Method of Use

- Mix DA20K into solvent / millbase (Stir evenly).
- Add pigments while stirring and disperse in the usual routine.
- Addition levels should be based on the surface area of the pigment / filler. The dosage level is usually 2mg active dispersant per square meter of pigment surface area (the pigment surface area divided by 5).

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	Viscous Liquid
Colour, Gardner scale (Gardner)	≤6
Viscosity	≤600 cps / 25°C
Active content (%)	100
Boiling point (°C)	Decomposes without boiling >250
Flash point (°C)	190°C-200

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

Decorative Coating

●

Inks

Solvent based

●

Water based

●

● Recommended ○ Limited suitability – Not recommended

Packaging, Shipping & Storage

Dispersing Agent DA20K is supplied as viscous liquid. The product is packed in 25 kg HDPE pail, 200 kg metal drum or 1000 kg IBC 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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