



Technical Data Sheet

DUMAPERSE 310

Dispersing Agent

Product Description

Dispersing agent for solvent based systems, organic pigments and carbon black.

Primary Usages

Industrial paints and varnishes,
Wood coatings,
Protective coatings,
Car paints,
Printing Inks

Recommended Process

The additive should be added into the millbase and premixed in the binder or solvent before the pigment is added.

Product Features

Prevents flocculation with steric effects and keeps system stable.

Technical Specifications

Test

Chemical Structure
Solid Content (5 min. 160°C, %)
Appearance
Density (gr/ml, 20°C)
Acid Value (mg KOH/g)
Amine Value (mg KOH/g)

Range

Polyether Modified Copolymer
98 - 99
Yellow Clear Liquid
1,57
4 - 8
13 - 17

Dilutability

Water	Complete
Ethyl Alcohol	Complete
Butyl Alcohol	Complete
MPA	Complete
Aliphatic Hydrocarbon	Complete
Butyl Acetate	Complete
Xylene	Complete

Usage Ratios

(% by weight as supplied based on pigment amount)

Titanium Dioxide	2,0 - 4,0
Inorganic Pigments	15,0 - 25,0
Organic Pigments	15,0 - 35,0
Carbon Black	30,0 - 60,0
Extenders	0,5 - 1,5
Co-grinding Systems	0,5 - 2,0

Compatibility

Long oil alkyds	Incompatible
Short/Medium oil alkyds	Incompatible
Thermoplastic acrylics	Complete
Solvent based epoxies	Limited
Solvent free epoxies	Incompatible
Polyester resins	Complete
Aldehyde resins	Complete
Acrylic PU	Complete

Storage and Shelf Life Condition

The product should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5-35 °C. Exposure to direct sunlight should be avoided. The shelf life of the resin which under the mentioned storage conditions is 24 months.

Material Safety

A Material Safety Data Sheet for this product is available on request.

The information in this data sheet is to the best of our knowledge correct at the date of printing. They merely serve the purpose of informing our customers and do not relieve them from examining themselves the suitability of the described products for the intended purpose. Since conditions of the application are beyond our control, no liability can be accepted on the basis of this data sheet.