ECODIS™ MB
BIO-BASED

TECHNICAL DATA SHEET

ECODIS™ P 30 MB

100% Bio-attributed dispersing agent for water-based systems

Ionic Homopolymer dispersant

100% bio-attributed through mass balance

Lower carbon footprint

TYPICAL CHARACTERISTICS

Nature	**Polyacrylate sodium salt**
Appearance	**Yellowish aqueous solution**
Solid Content (%)	**42**
Active Content (%)	**42**
pH	**8**
Specific gravity	**1.31**
Neutralization type	**Sodium**
Solvent	**Water**
Total Bio content (%)	**100**

DESCRIPTION

Ecodis™ P 30 MB is the Mass Balance version of the Ecodis™ P 30 with a Bio-attributed content of 100%. It allows a significant reduction of the product carbon footprint compared to its fossil version. Ecodis™ P 30 MB achieves exactly the same performance as the Ecodis™ P 30 and can be readily used and implemented as a direct drop-in.

RECOMMENDED ADDITION LEVEL

The required amount varies from 0.1% to 0.5% of active ingredients based on the total weight of the pigments and fillers. A more easy way is to start formulation trials using 0.4% to 0.5% of it, as delivered, on the total formulation weight. It is recommended to disperse the pigments in a pH range between 7.0 and 9.5.

STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- 220L Drum
- Bulk

HANDLING & STORAGE

It should be protected from the effects of weathering and stored between 5 and 40°C. Once opened, packaging should be resealed immediately after use.
In these conditions, this product should be used within 12 months from delivery.

MARKETS

Coatings & Inks
- Architectural Coating
- Graphic Arts
- Industrial Coating
- Textile & Leather Coating
- Traffic Paint

Adhesives & Sealants
- Assembly
- Other Adhesives
- Sealants

KEY BENEFITS

FORMULATION
- Cost in use
- Compatibility
- Easy handling

STORAGE
- Antisettling
- Viscosity stability
- Floating resistance
- Syneresis resistance

FILM PROPERTIES
- Hiding power/Opacity
- Gloss

SAFER SOLUTIONS
- APEO Free*
- Heavy Metal Free*
- Solvent Free*

** Not intentionally added but not specifically measured (not part of product specification)*

- Total Bio content (%) **100**

PVC

PVC Low
PVC Mid
PVC High

ECODIS™ P 30 MB

PROCESSING INSTRUCTIONS

Ecodis™ P 30 MB should be preferably added to water before the pigment incorporation. The optimum level is determined for each pigment blend by plotting the graph of the viscosities of the pigment dispersion in water, versus the amount of dispersant. The level of dispersant corresponding to the minimum viscosity is chosen.

HEALTH AND ENVIRONMENTAL DATA

For safe handling please refer to the Safety Data Sheet. For more information about health and environmental data, please contact us.

SUITABLE FOR

Inorganic pigments
Fillers

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