

ZetaSperse™ 2300 Pigment Dispersing Additive



An effective and efficient solution for aqueous pigment dispersing

Introduction

ZetaSperse 2300 pigment dispersing additive is designed to wet, stabilize and disperse a wide variety of organic, inorganic and carbon black pigments in a very efficient manner.

Figure #2 illustrates the key performance attributes of ZetaSperse 2300. The efficiency of ZetaSperse 2300 can be seen with a significantly reduced dispersant demand at an equivalent color development.

Advantages

- Increased color development
- Increased pigment loading
- Lower viscosity grinds
- Increased dispersant efficiency - cost in use
- Enhanced pigment wetting

Typical Properties

Appearance	Clear
Pour Point °C	0
Actives (%)	95.0
pH (10% aqueous)	5.0
Viscosity (cP @ 25 °C)	450
Viscosity (cP @ 10 °C)	1400
Color	Amber

Figure 1

Product Selector Guide – General Pigment Type

- ★ High Performance recommendation
- ★ Secondary Performance recommendation
- ★ Low cost recommendation

	High Performance Organics	Organics	In-organics	Carbon Black
ZetaSperse 1200	★	★	★	
ZetaSperse 1400	★	★	★	★
ZetaSperse 1600	★	★		★
ZetaSperse 2100				★
ZetaSperse 2300	★	★	★	★

Figure 2

ZetaSperse – Performance Attributes

	Z-1200 Inorganics & Select Organics	Z-1400 Broad Utility	Z-1600 Organics & Carbon Black	Z-2100 Carbon Black	Z-2300 Low cost & Broad Utility
Pigment Wetting	++	-	++	+	++
Increased Colour Strength	+	-	++	+	++
Increased pigment loadings	++	0	++	++	++
Viscosity	++	+	++	++	++
Cost in use	+	-	+	++	++
Foam	++	+	0	0	-

++ Excellent +Good 0 Neutral - Poor

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