



# DongGuan SailAdditive

## Product technical documentation (TDS)

### S-110 Dispersing Additives

**Structure or Component:** Polyphosphate solution

**Features and Applications:** Similar to BYK-110, As a high-performance dispersing additive (comparable to BYK-110), this product excels in providing superior anti-settling and anti-sagging properties for solvent-based coatings. By utilizing spatial hindrance (steric stabilization) to effectively deflocculate pigments and fillers, it significantly enhances surface gloss and color brilliance while reducing the mill-base viscosity during the grinding process. This technology improves the overall fluidity of coatings and resins, leading to enhanced transparency and hiding power while effectively eliminating haze, floating color, and flooding. Its ability to lower viscosity during pigment grinding not only boosts production efficiency but also ensures a stable, high-quality finish with optimized color development in professional industrial and automotive coating systems.

#### Technical data

Exterior:	Light yellow viscous solution
Viscosity (25°C , mm <sup>2</sup> /s)	30-80
Non-volatile matter content (120°C/2, %)	100

#### Application and addition amount:

##### Applications:

Solvent-based and solvent-free coatings, epoxy systems, etc.

Industrial coatings, Wood Coatings

Floor Coatings, PU Coatings & Inks

##### Usage & Dosage:

Recommended Dosage: \* Standard: 0.2% – 10% of the total formula.

Incorporation: Add during the paint mixing stage to ensure optimal distribution

Package: 25L/Barrel or 200L plastic/steel Barrel.

Store: Store in airtight container for 24 months, Store in a cool, dry place.

Transportation: transport as non-hazardous chemicals.

Special Note: Special Note:

The technical parameters provided in this document are typical values for reference only and are not intended as product acceptance standards. Changes may be made without notice. Due to differences in usage conditions, we cannot guarantee the correctness and applicability of the product for certain uses and purposes, and do not assume any liability for any direct, indirect, or accidental losses arising therefrom. Users should conduct relevant tests or consult our technical staff before using the product