

Dispersing agents are substances that promote uniform and stable dispersion of relatively small particles (especially pigments) in a given carrier. Specific types of dispersing agents or mixtures are frequently needed to obtain the optimum dispersing action. **BASPARI** supplies a wide range of dispersing agents for water-based, solvent-based and solvent-free systems.

Product	Description	Active Content (%)	Amine Value (mgKOH/g)	Properties	WB	SB	SF
Liafza S-3012/3028	High molecular weight polyester-based block copolymer	100/70	33 - 48	Suitable for organic and inorganic pigments and are specially recommended for stabilizing carbon blacks. Compared to Liafza S-3012, Liafza S-3028 has better performance in plasticizer-based pigment dispersions		●	●
Liafza S-3052/S-3041/S-3040	High molecular weight polyether-based block copolymer	100	4 - 10	Recommended for gravure and flexographic printing inks as well as various types of flooring. For dispersing carbon black in non-solvent systems, Liafza S-3040 demonstrates better performance in reducing the viscosity of pigment dispersions compared to Liafza S-3041.		●	●
Liafza S-3066/S-3067	Medium molecular weight polyester-polyamide	95-100	20-24	Used in solvent-based systems, such as gravure and flexographic printing inks, various types of flooring, and solvent-based systems with low solid content. These products are recommended for the production of high-viscosity color pastes.			●
Liafza S-4013	Bio-based pigment dispersing agent	100	—	Suitable for polyester, epoxy, alkyd and urethane-based pigment dispersions		●	●

WB: Water-based

SB: Solvent-based

SF: Solvent-free ● Highly recommended ● Recommended

Product	Description	Active Content (%)	pH	Properties	WB	SB	SF
Liacryl WM-5050/5052	Modified styrene acrylic resins with high pigment affinity	70	7-8	Prevent the settling and re-flocculation of pigments. Compared to Liacryl-5050, Liacryl-5052 has higher dispersing capabilities	●		
Liafza S-2016	Fatty acid-based wetting & dispersing agent, with high pigment affinity	100	9-10	Recommended for water-based systems. With the pH between 9-10, this product improves dispersion and lowers the viscosity and has a high glossy effect	●		

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