TDS

深圳市优阳科技有限公司

Technical Data Sheet

EAP-4S Inhibitor

oligomer · monomer · photoinitiator· additive

Disclaimer

All products in the text marked with are trademarks of the U-sunny .The information on product specifications provided herein is only binding to the extent confirmed by U-sunny in a written Sales Agreement. U-sunny expressly disclaims any responsibility for the suitability of the products for any specific or particular purposes intended by the user .Suggestions or the use and application of the products and guide formulations are given for information purposes only and without commitment. Such suggestions do not release U-sunny customers from testing the products as to their suitability for the customers intended processes and purposes. U-sunny does not assume any liability or risk involved in the use of its products as the conditions of use are beyond its control. The user of the products is solely responsible for compliance with all laws and regulations applying to the use of the products 。including intellectual property rights of third parties.

Appearance: Light-colored transparent liquid

MW: 203

Density, g/cm³: 1.08

Viscosity at 25°C: 100–300 cps

EAP-4S is a composite hindered phenolic inhibitor. In free radical polymerization applications, it balances light storage stability during production and thermal stability during transportation and storage. For UV inks, coatings, and UV adhesives, it ensures stable polymer viscosity and prevents gelation with minimal impact on curing speed. In high-reactivity clear varnishes and dark-colored inks containing high levels of long-wavelength photoinitiators, the role of EAP-4S is particularly important.

The addition of EAP-4S during curing does not cause adverse effects such as yellowing or odor.

EAP-4S is heavy metal-free and complies with various environmental and safety regulations. It can be used in packaging, medical, electronics, cosmetics, and other industries.

Recommended dosage: 0.5–1%

Packaging: 100 g, 5 kg, 20 kg plastic drums

More detailed application references and MSDS are available upon request....