DOVERPHOS LGP-12

efsa EUROPEAN FOOD SAFETY AUTHORITY and FDA APPROVED

DOVER applied chemistry solutions

# Polymer Production



## Build Better Resin from the Inside Out

Doverphos® LGP-12 empowers polymer producers to deliver high-performance, sustainable resins that meet downstream demands for safety, circularity, and processing efficiency—without requalification hurdles or added complexity.

## Why It Works

### DIFFERENTIATES RESIN PERFORMANCE

Improves oxidative stability during compounding and extrusion, enabling better thermal protection and preserving melt index—especially in demanding applications or mixed resin streams.

### SUPPORTS CIRCULAR RESIN INNOVATION

Stabilizes recycled feedstocks, making it easier to introduce rPCR/rPIR into formulations while maintaining processability, appearance, and mechanical performance.

### FUTURE-READY REGULATORY PROFILE

Non-Arvin, PFAS-free, no NIAS concerns and FDA food-contact compliant—aligns with brand owner and converter regulatory and risk requirements.

### MINIMIZES FORMULATION COMPLEXITY

Low treat rate, liquid format integrates easily into masterbatch or direct-add systems without introducing dispersibility or compatibility issues.

### IMPROVES SUSTAINABILITY KPIS

Reduces polymer waste, lowers $CO_2$ emissions by enabling higher line efficiency, and supports ESG reporting with safer chemistry and reduced offgassing.

### BACKED BY SECURE GLOBAL SUPPLY

Produced globally with short lead times and consistent quality—supporting supply chain resilience.

DOVER applied chemistry solutions **Start your transition to safer, smarter additives.**

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