ALKYLPHENOL-FREE

DOVERPHOS® LGP MASTERBATCHES

Doverphos LGP phosphites are liquid polymers that are alkylphenol-free and deliver superior performance to other phosphites in polyolefins.

A masterbatch provides the convenience, shelf-stability, and ease of handling compared to a liquid phosphite.

Doverphos LGP liquid phosphites can be made into a convenient masterbatch form at higher concentrations than conventional liquid phosphites, delivering the same excellent performance with the ease of handling a solid pellet.

FDA APPROVED

Typical Masterbatch Properties

Phosphite	% Active in Masterbatch	Available Resin	Typical MI	Co-additives Possible
LGP-11	Up to 12.5%	Polypropylene	12	Yes
LGP-12	Up to 10.0%	LLDPE	2	Yes
LGP-12	Up to 10.0%	Polypropylene	12	Yes

The values in the above table are typical. LGP masterbatches can be customized to any desired resin and co-additive package for added convenience and compatibility.

The information contained on this data sheet is believed to be reliable. Since the conditions of application and use of our products are beyond our control, no warranty is expressed or implied regarding accuracy of the information, the results obtained from the use of the product, or that such use will not infringe on any patent. This information is furnished with the express condition that you will conduct your own tests to determine the suitability of the product for your particular use.

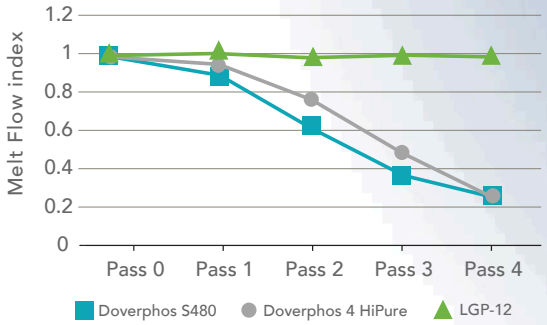
LGP-11®, LUBE-BOOSTER®, MAYCO®, PAROIL®, SUL-PERM®, SYN-CHEK®, SYNKAD®, CHLOREZ®, CHLOROWAX 40®, CHLOROWAX 50®, DOVERNOX®, DOVERPHOS®, DOVERPHOS HIPURE®, and DOVERPHOS S-9228® are federally registered trademarks of Dover Chemical Corporation.

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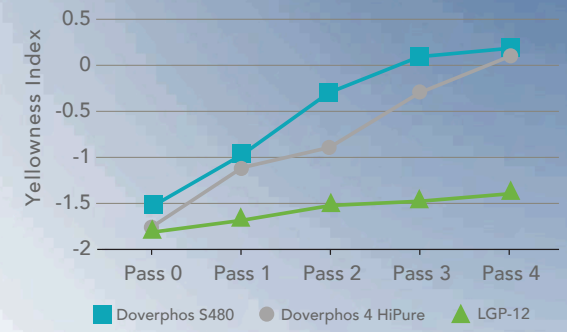
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PERFORMANCE

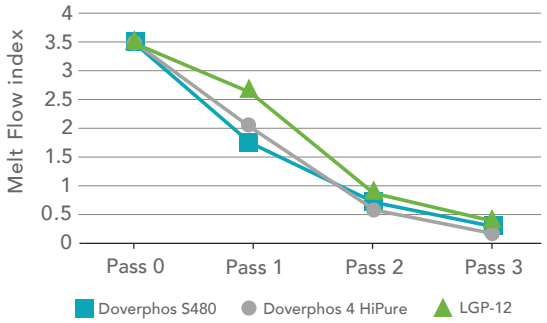
LLDPE Blown Film Resin MFI (260C Extrusion)



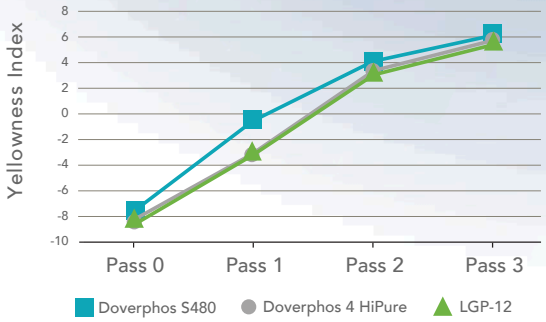
LLDPE Blown Film Resin Yellowness Index (260C Extrusion)



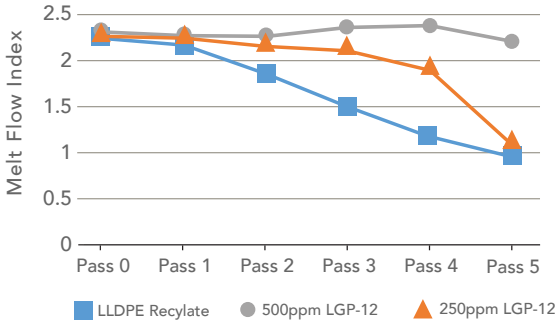
LLDPE Cast Film Resin MFI (310C Extrusion)



LLDPE Cast Film Resin Yellowness Index (310C Extrusion)



100% PCR Recycle (240C Extrusion)



Doverphos LGP-12 can help produce a more stable PCR recyclate stream

Doverphos LGP-12 cleared melt fracture without the use of conventional PPA's, including fluoropolymers (See pictures below)



No PPA or LGP-12



With 1500 ppm LGP-12