DOVERPHOS® **479**

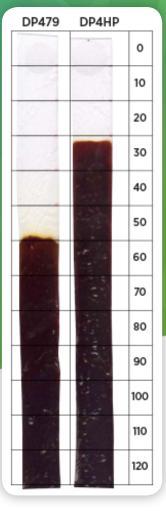
Alkyl (C13) Substituted Diphosphite

Doverphos® 479 is alkyl C13 substituted diphosphite. Doverphos® 479 improves the color, light stability and clarity of PVC and vinyl copolymers when used in conjunction with primary metal stabilizers and epoxy stabilizers. Typical use levels range from 0.1 to 3.0%.

$$(C_{13}H_{27}O)_2 - P - O$$
 CH_3
 CHC_3H_7
 C_4H_9

Condensation product from tridecanol and butylidenebis [2-(1,1-dimethylethyl)-5-methyl-4,1-phenylene] CAS Registration Number 13003-12-8

PROPERTY	TYPICAL RESULT
Appearance	Clear Liquid
Phosphorus, %	4.79
Density, lb/gal	7.8
Color, APHA	150 max
Acid Number, mgKOH/g	0.1 max
Refractive Index @ 25°C	1.4936
Specific Gravity @ 25° C	0.942



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.

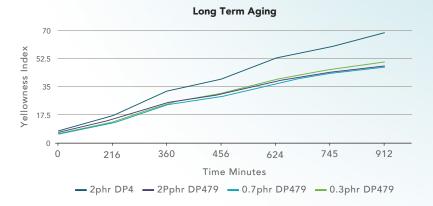
The information contained on this data sheet is believed to be reliable. Since the conditions of application and use of our products are beyond our control, no warranty is expressed or implied regarding accuracy of the information, the results obtained from the use of the product, or that such use will 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. (073112)

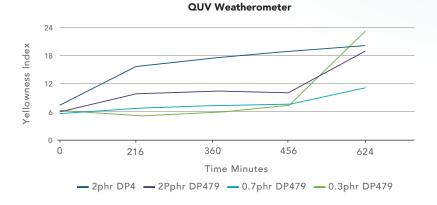


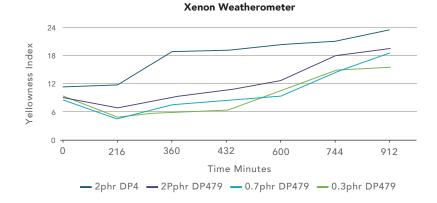
3676 Davis Road NW, Dover, OH 44622 330-343-7711 · 800-321-8805 · Facsimile 330-365-3926 www.doverchem.com

O R M A N O **DOVERPHOS 479**

Thermal Stability 50 37.5 25 12.5 0 10 20 30 40 50 60 70 80 90 Time Minutes — 2phr DP4 — 2Pphr DP479 — 0.3phr DP479









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