



## DOVERPHOS LGP-11 THE NEW **GREEN** LIQUID PHOSPHITE!

**Doverphos LGP-11** is a proprietary high molecular weight phosphite that is suitable as a replacement for TNPP. **Doverphos LGP-11** is unique in that it contains **no alkylphenols**, has superior hydrolytic stability, has low migration, and is produced from non-toxic raw materials.

### TYPICAL PROPERTIES

Property	Typical Result
Appearance	Clear to slightly hazy liquid
Refractive Index @ 25°C	1.4588
Specific Gravity @ 25°C	0.991
AV	0.01
Color, APHA	<50
Viscosity, CPS @ 25° C	~1,000
% Phosphorus	4.7%

### Application Information:

**Doverphos LGP-11** can be used in LLPE, HDPE, PP and other polymers to protect against the effects of oxidative and thermal degradation to maintain MI and low color. **Doverphos LGP-11** is effective as a replacement for TNPP on a part-for-part basis.

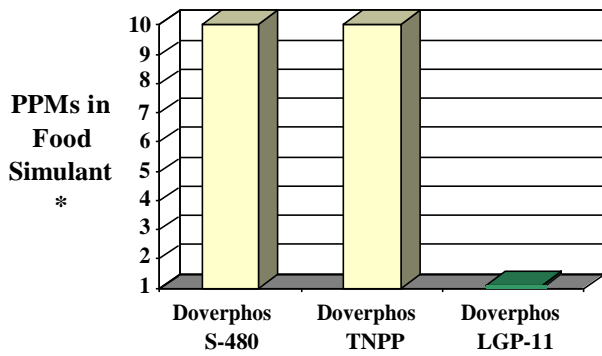
For more information, contact: Jack Teat [jteat@doverchem.com](mailto:jteat@doverchem.com) or Mick Jakupca [mjakupca@doverchem.com](mailto:mjakupca@doverchem.com).

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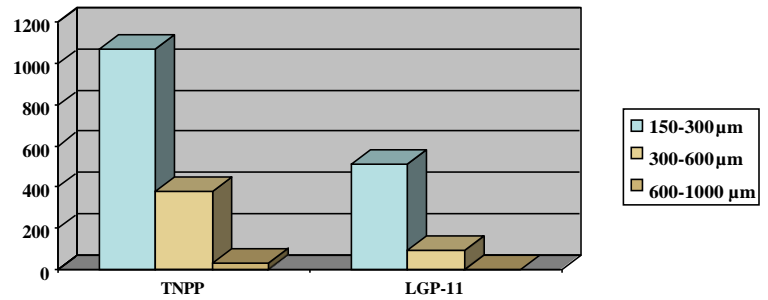
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# DOVERPHOS LGP-11™ PERFORMANCE

## LOW MIGRATION!

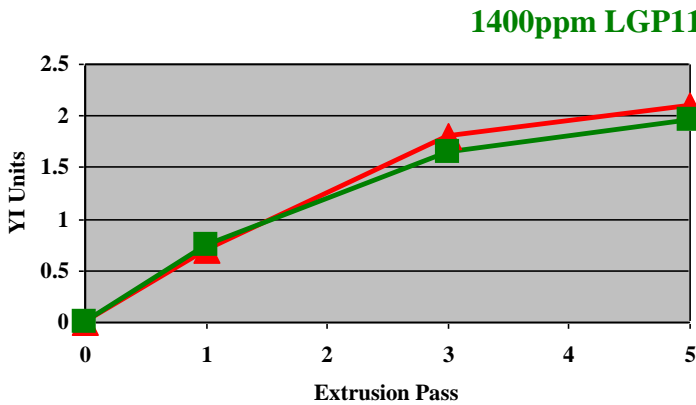


## EXCELLENT GEL COUNTS!

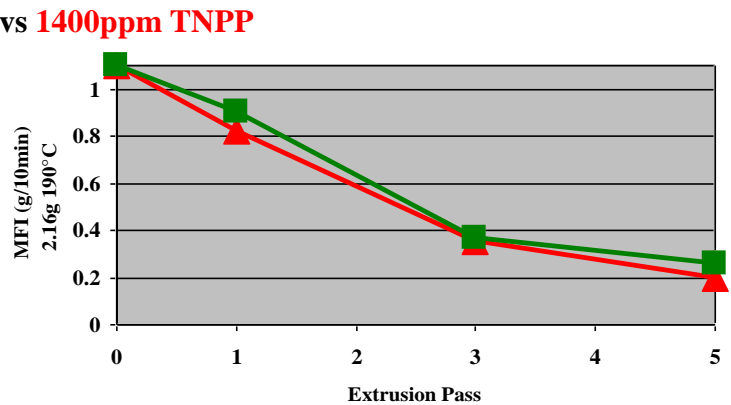


## EXCELLENT PROCESS STABILITY!

### Process Stability in LLDPE (YI)

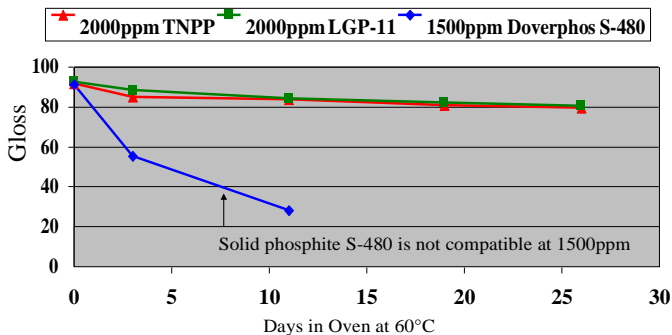


### Process Stability in LLDPE (MI)

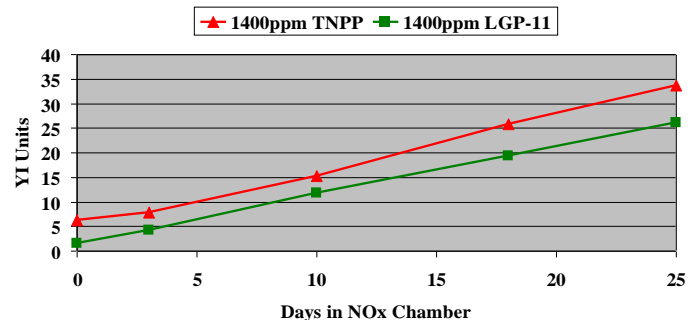


## EXCELLENT COMPATABILITY/GAS FADE!

### Compatibility at 2000ppm in LLDPE



### Gas Fade Resistance in LLDPE at 60°C



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