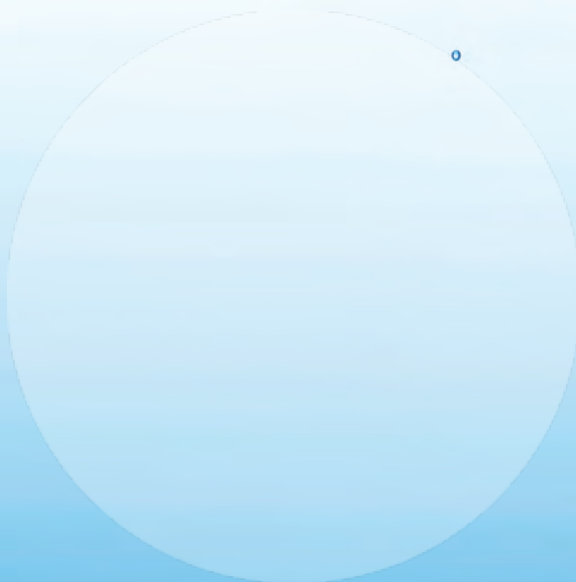


WESTON[®]
705

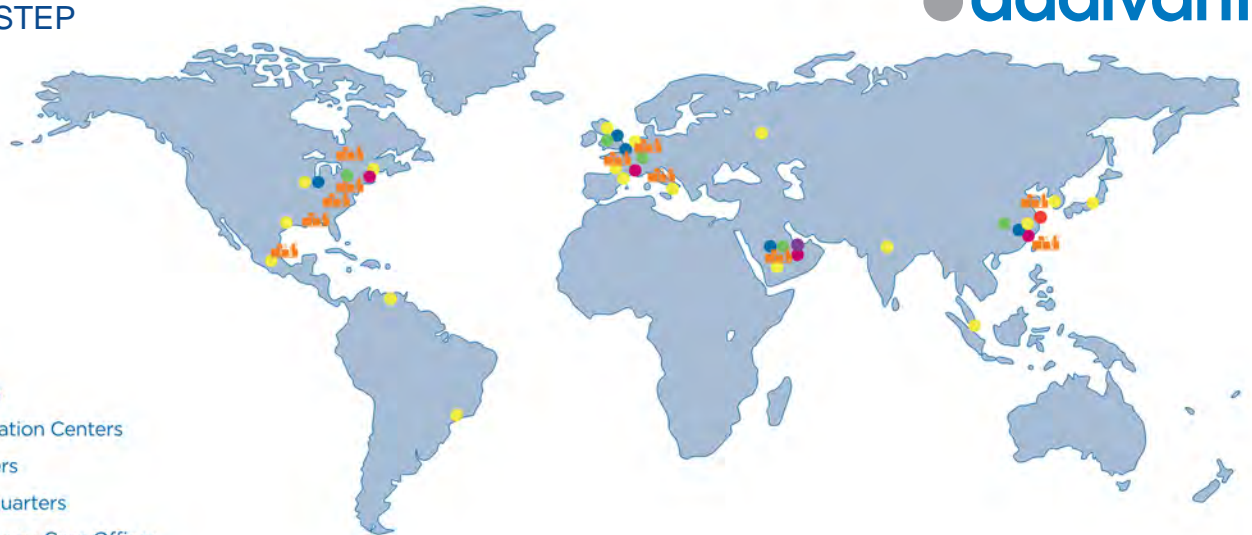


**The next-generation nonylphenol-free
phosphite liquid antioxidant**



INNOVATION

AT YOUR DOORSTEP



-  Chemical Plants
-  NDB® Customization Centers
-  Technical Centers
-  Regional Headquarters
-  Sales and Customer Care Offices
-  Joint Venture - GSI
-  Joint Venture - Asia

SAFETY AND SUSTAINABILITY

At Addivant™ safety and environmental concerns are key requirements of innovation. From safer products to preventing waste, we work to ensure the health and well-being of our associates and the communities we live and work in. And we do this all for you because we're invested in your future.

INVESTED IN THE FUTURE

We are committed to advancing Responsible Care®, and seek ways to promote safe, environmentally friendly operations. We ensure global regulatory compliance through programs such as REACH®. Innovating ahead to meet the exacting regulatory, safety and sustainability levels of the future.

QUALITY IS OUR CULTURE

Continuous improvement is our passion. By understanding and exceeding your requirements, our innovation delivers better solutions and services, all with the objective of creating value for you.

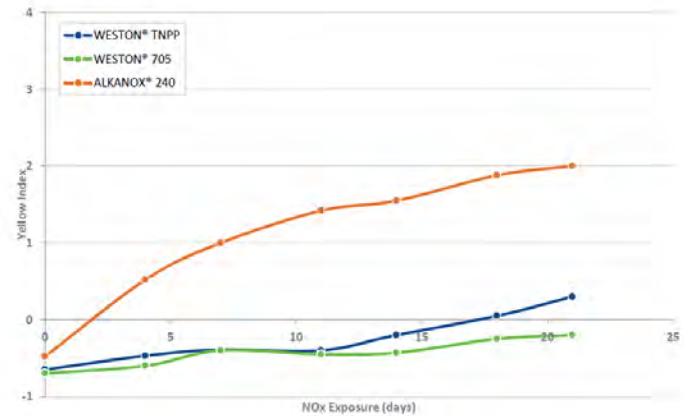


THE IDEAL SOLUTION: WESTON® 705

THE WORLD'S NEW PHOSPHITE ANTIOXIDANT

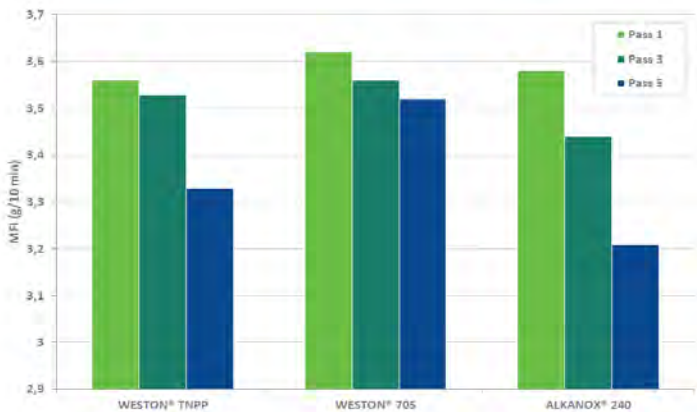
- nonylphenol-free
- crystal-clear liquid form
- superior hydrostability
- high phosphorous content
- globally available
- proven manufacturing
- globally integrated supply chain

GAS FADING COLOR IMPROVED



WESTON® 705 outperforms old chemistry offering superior color performance over time

MELT FLOW PERFORMANCE



WESTON® 705 provides greater polymer protection

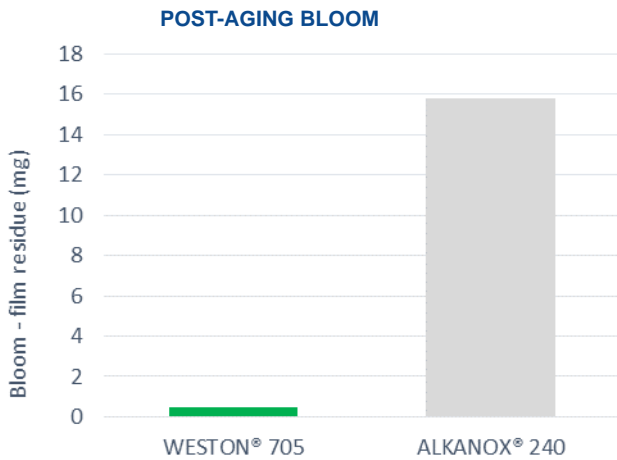
OPERATIONAL EFFICIENCY AND DIFFERENTIATION

- drop-in replacement of TNPP at ~ 20% lower loading
- global registration and food contact approval
- superior solubility that delivers reduced additive plate-out
- low capital investment costs for future expansions and new plants

RESIN CONVERTER BENEFITS

- productivity: reduced die build-up allows for higher line speeds, greater uptime and far fewer clean-ups
- quality: lower gels and avoidance of black specks
- property retention: allows for greater use of recycled trim





Total bloom residue from 0.8 mil film, 0.917 density LLDPE, 1500 ft x 36", post 4 weeks oven aging at 40°C

INNOVATION FOR THE PACKAGING INDUSTRY

- superior product aesthetics for longer shelf life
- improved surface properties for printing and sealability



THE CONSUMERS' SAFE CHOICE

Widely and extensively tested WESTON® 705 has global registration and food contact approvals.

- nonylphenol-free
- most widely approved TNPP replacement globally
- superior organoleptics

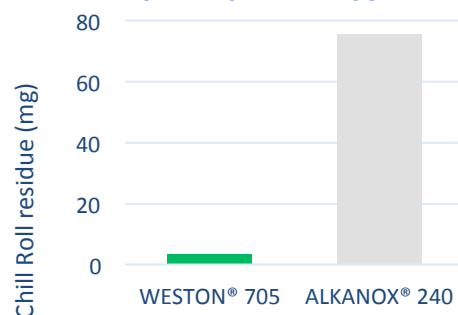
SUPERIOR PERFORMANCE IN FILM

SIGNIFICANTLY IMPROVED GEL COUNTS



WESTON® 705 offers far superior integrity to polyethylene films

CHILL-ROLL PLATE-OUT



Total chill-roll residue from 0.8 mil film, 0.917 density LLDPE, 1-minute collection time, 90°F chill roll temp.

For more information about all the new innovation at Addivant™, visit us at www.addivant.com

THE NO-COMPROMISE SOLUTION

Until today, the polyethylene value chain had two choices, and a compromise:

ALKANOX® 240 – performing antioxidant with some inherent blooming / plate-out challenges

TNPP – performing well with the handling advantage of liquid antioxidant but containing nonylphenol

ALKANOX® 240



Solid additive
Nonylphenol free ✓
Good AO protection ✓
High phosphite % ✓
Higher migration
Lower Solubility

TNPP



Liquid additive ✓
Contains nonylphenol
Good AO protection
Medium phosphite %
Lower migration ✓
Higher solubility ✓

Today, WESTON® 705 liquid phosphite antioxidant combines the best of these two industry standards, without the need to compromise. Addivant's dedication to innovation has resulted in a new, state-of-the-art antioxidant, more thoroughly tested than any other additive in the world.

WESTON® 705 delivers better performance, flexibility, and product safety.

- Global regulatory compliance and food contact approvals
- Drop-in solution for TNPP with the simplicity of a liquid additive system
- Higher stabilization performance allowing for reduced loading levels
- Low capital investment costs for future expansions and new plants
- Productivity for film converters from reduced die build-up
- Superior film aesthetics from reduced gels
- Improved surface properties for printing and sealability
- Nonylphenol-free and peace of mind for the consumer

WESTON® 705 – the risk-free solution to transition away from nonylphenol

WESTON®
705



ASK FOR WESTON® 705



We are Addivant™

A global company bringing fresh thinking to the polymer and rubber industries. Addivant™ is a leading supplier of plastics additives, offering solutions that enhance the performance of your polymers. Our team of international scientists are working on new solutions for you, every day.

Let us help you breakthrough.

For more information:
addivant.com

Or contact us at:
info@addivant.com

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