

# Nochek® 4729 Wax Pellet

Manufacturer: International Group Inc.  
Classification: Wax Antiozonant  
Chemical Composition: Microcrystalline/paraffin wax blend

Specification Properties	Value	Test Method
Ash Content, %	0.1 Maximum	ASTM D482
ASTM Color	1.5 Maximum	ASTM D6045
Congealing Point, °C	66-69	ASTM D938
Flash Point COC, ° C	204 Minimum	ASTM D92
Kinematic Viscosity @ 100C, cSt	5.5-7.5	ASTM D445
Needle Penetration @ 25C dmm	11-16	ASTM D1321
Typical Properties		Test Method
Physical Form	Off White Pellets	Typical
Specific Gravity	0.91	Typical

## > APPLICATIONS

**Uses:** Nochek® 4729A wax, when used as the sole protectant, finds wide usage in nonstaining rubber parts which must have good exterior durability. These include mechanical goods, automotive parts, footwear, heels, soles and tire white sidewalls. Nochek® 4729A wax is used extensively with chemical antiozonants in applications requiring a maximum degree of mixed static-dynamic ozone exposure protection. Typical uses include conveyor belts, industrial hose, jacketing and insulation for electrical wire and cable, treads and black sidewalls for a variety of tire types.

**Protection:** Blended microcrystalline/paraffin wax with a melt point of 66-69°C (151-156°F). Provides static ozone protection through formation of a thin continuous wax layer (bloom) on the surface of the rubber. Microcrystalline structure provides more controlled rate of bloom than straight paraffin structure. Nochek® 4729A has the broadest range of protection any blended wax, providing protection in both low and high temperature applications.

**Synergism:** Synergistic with p-phenylene diamine (PPD) antidegradants for maximum static and dynamic ozone protection.

**Staining:** Non-staining. Can be used in white compounds.

**Cure Effect:** No effect.

**Recommended Dosage:** General Use: 2-4 phr. Passenger Tire Treads and Black Sidewalls: 2-3 phr.

## > PACKAGING AND STORAGE

**Packaging:** 25 kg (55.1 lb.) bags.

**Shelf Life:** 5 years from date of manufacture if stored as indicated below.

**Storage:** Store in unopened original packaging in a cool, dry, well ventilated area away from direct sunlight.

**Specification Date:** March 18, 2011 (Supersedes July 17, 2006)