



SOVEREIGN CHEMICAL COMPANY

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Nochek[®] 4756A Wax Pellets

(Formerly Okerin 7666H Wax Pellets)

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

Physical Data

Specification Properties	Value	Test Method
Congeaing Point	63-66°C (145.4-150.8°F)	ASTM D938
Kinematic Viscosity @ 100°C	5.0-7.0 cSt	ASTM D445
Needle Penetration @ 25°C	10-15 dmm	ASTM D1321
ASTM Color	1.0 maximum	ASTM D6045
Ash	0.1% max.	ASTM D482
Flash Point	>204°C (400°F)	ASTM D92

Typical Properties

Physical Form	White Pellets	Typical
Specific Gravity	0.91	Typical

Applications

Protection: 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[®] 4756A Wax Pellets** have a narrow MW distribution that provides the best accelerated ozone resistance to products exposed to standard 75°F conditions. The strong protection which it can provide under standard 75°F conditions is effective immediately aftercuring and remains at optimum level after prolonged storage of vulcanizates.

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.

Typical Uses: **Nochek[®] 4756A Wax Pellets**, when used as the sole protectant find wide usage in nonstaining rubber articles which must have good resistance to cracking when tested under conditions of the standard static, accelerated ozone test. These products include sundries, gloves, sheeting and tubing, hose and automotive floor mats.

For nonstaining rubber products requiring resistance to both static, accelerated ozone exposure and static, outdoor exposure, use of **Nochek[®] 4756A Wax Pellets** with **Nochek[®] 4729A Wax Pellets** is recommended.

Co-use of **Nochek[®] 4756A Wax Pellets** with chemical antiozonants, where permissible, can be highly effective in applications such as windshield wiper blades, passenger or truck tire treads and black sidewalls, camelback, jacketing and insulation for electrical wire and cable.

Recommended Dosage: Unfilled Compounds: 0.75-1.0 phr, General Use: 1-2 phr, High Loaded Compounds: 6-8 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 packages in a cool dry place.

Specification Date: May 18, 2010 (Supercedes: September 14, 2006)