SOVEREIGN CHEMICAL

Technical Data Sheet

Nochek® 4709A Wax Pellets

Manufacturer: International Group Inc.

Classification: Wax Antiozonant

Chemical Composition: Microcrystalline/paraffin wax blend

Specification Properties	Value	Test Method
ASTM Color	0.5 maximum	ASTM D6045
Congealing Point, °C	61-65	ASTM D938
Kinematic Viscosity @ 212°F, cSt	5.0-6.0	ASTM D445
Needle Penetration @ 77°F, dmm	14-20	ASTM 1321
Refractive Index @212°F	1.426-1.434	ASTM D1747
Typical Properties	**Value**	**Test Method**
Physical Form	White to Amber Pellet	Visual

> APPLICATIONS

Uses: NOCHEK® 4709A Wax Pellets has found applications in a variety of industries including belting, shoes, pipes, tubing and tires. It is particularly recommended for applications at ambient temperatures.

Protection: NOCHEK® 4709A Wax Pellets is a blend of hydrocarbon waxes designed to give an invisible tough dry film which protects rubber articles against atmospheric ozone attack. It has a wide molecular weight distribution with a high average molecular weight giving a medium rate of bloom. The recommended temperature range for medium film stability and protection is 20-45°C. Protection develops after curing and lasts for a long period of time.

Polymers: NOCHEK® 4709A Wax Pellets has been specifically formulated for use in natural and synthetic rubbers including styrene butadiene, chloroprene and nitrile.

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

Staining: Non-staining. Can be use in white compounds.

Cure Effect: No Effect.

Recommended Dosage: Addition rates will vary from compound to compound, according to polymer type, fillers, chemical antiozonants, etc. however, a minimum level of 1 phr is recommended with a maximum of 5 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 where the temperature does not exceed 86 °F.

Specification Date: December 10, 2007 (Supersedes September 14, 2006)

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