

## NOCHEK<sup>®</sup> 4727A

**NOCHEK<sup>®</sup> 4727A** is a complex blend of hydrocarbon waxes, designed to protect rubber components against attack by atmospheric ozone. It has a wide molecular weight distribution and gives a controlled bloom producing an invisible, tough, dry film on the surface of the rubber. Though offering protection over a wide range of temperatures, it has found considerable use in the USA particularly in temperate and sub-tropical climates.

**NOCHEK<sup>®</sup> 4727A** is suitable for protecting both natural and synthetic rubbers and its wide service temperature makes it suitable for the most demanding tire applications. Addition rates will vary from compound to compound, according to polymer type, filler type and level and chemical antioxidants, etc. However, a minimum level of 1 phr is recommended with a maximum 5 phr.

### PHYSICAL PROPERTIES

TEST METHODS	ASTM METHOD	SPECIFICATIONS		TYPICAL
		Minimum	Maximum	
Drop Melt Point °F (°C)	D 127	150 (65.6)	160 (71.1)	159 (70.6)
Congeaing Point °F (°C)	D 938	149 (65)	156 (68.9)	149.5 (65.3)
Kinematic Viscosity, cSt @ 212°F (100°C)	D 445	5.6	6.4	6.1
Oil Content, Wt%	D 721	----	1.0	0.5
ASTM Color	D 6045	----	0.5	<0.5
Needle Penetration, dmm @ 77°F (25°C)	D 1321	11	15	13
Refractive Index @ 212°F (100°C)	D 1747	1.426	1.429	1.427
Ash Content, Wt %	D 482	----	0.01	----

Note: Physical properties for which ONLY a typical value is listed are included as additional information but may not be printed on the COA.

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The technical information and suggestions for use contained herein are believed to be reliable, but they are not to be construed as warranties and no patent liability can be assumed.