

NOCHEK® 4607A Microcrystalline Wax

Technical Data:

NOCHEK® 4607A is a blend of specially selected petroleum waxes, recommended for use as an antioxidant in rubber. Specific gravity 0.92. NOCHEK® 4607A is highly effective in natural and synthetic rubbers for the prevention of surface cracking and weathering due to ozone in the atmosphere. It has been found to have excellent performance under a wide range of climatic conditions. Because of its controlled rate of bloom to the surface of the rubber compound, NOCHEK® 4607A is very effective under prolonged exposure. NOCHEK® 4607A is available in free-flowing granular form and is easily dispersible into the rubber compound. It also acts as a processing aid, being effective as a lubricant and as a mold release agent. In addition, because it is non-staining it is especially suitable in light colored compounds such as those for white side walls in tires.

PHYSICAL PROPERTIES

TEST METHODS	ASTM METHOD	SPECIFICATIONS		TYPICAL
		Minimum	Maximum	
Drop Melt Point °F (°C)	D 127	157 (69.4)	167 (75)	159 (70.6)
Kinematic Viscosity, cSt @ 212°F (100°C)	D 445	5.4	7.0	6.4
Oil Content, Wt%	D 721	----	----	0.8
ASTM Color	D 6045	----	1.5	0.7
Needle Penetration, dmm @ 77°F (25°C)	D 1321	----	----	11

TYPICAL USES: Rubber tires / Industrial and automotive rubber goods / Wire and cable insulation

FDA STATUS: This product meets the FDA requirements set forth in 21 CFR 178.3710 for use in non-food articles in contact with food and in 21 CFR 172.886 for use in food

Revised 7/2015

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.