

# NQ

## Vulcanized Vegetable Oil

**INTRODUCTION:** NQ is a vulcanized vegetable oil based on Castor Oil designed for polar elastomers such as NBR and CR

**CHEMICAL COMPOSITION:** Castor Oil, cross-linked with sulfur

**APPEARANCE:** Yellowish-Brown crumbs

**TYPICAL PROPERTIES:**

Total Sulfur (% , ASTM D 1552)	11-14
Free Sulfur (% , Auler method)	0.8 – 1.3
n-Hexane Extract (% , DIN ISO 1407)	9 - 14
Ash, 2hrs at 950°C (DIN EN ISO 3451-1)	0.2% max.
Density @20°C (DIN ISO 787 part 10A)	1.1 g/cm <sup>3</sup>

Note: The above analytical data are not specifications.

**ADVANTAGES:** Oil resistance is not affected by NQ as compared to traditional plasticizers in polar elastomers. Typical dosage is 10-20 phr.

**APPLICATION:** Molding, roller coverings, calendered sheets, printing sheets, and hoses.

**STANDARD: PACKAGING** 25 kgs in PE bags

**STORAGE:** Store in a cool, dry place away from any direct source of heat and moisture. Maximum recommended storage temperature: 25°C

**SHELF LIFE:** Min. 6 months in the originally sealed package under the recommended storage conditions

**HANDLING:** Avoid all personal contact. Observe good personal hygiene. For additional information, it is advised to consult the Material Safety Data Sheet (MSDS) for NQ

**REGISTRATION:** Please refer to the Material Safety Data Sheet

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