

# PD 14

## Vulcanized Vegetable Oil

**INTRODUCTION:** PD 14 is a vulcanized vegetable oil based on modified fatty oils designed for general purpose rubbers

**CHEMICAL COMPOSITION:** Modified fatty oils, crosslinked with sulfur (with 15% mineral oil)

**APPEARANCE:** Dark brown lumps

**TYPICAL PROPERTIES:**

Total Sulfur (% , ASTM D 1552)	12.5 – 15.5
Free Sulfur (% , Auler method)	1.5 – 2.5
Acetone Extract (% , DIN ISO 1407)	34 - 40
Ash, 2hrs at 950°C (DIN EN ISO 3451-1)	1.5% max.
Density @20°C (DIN ISO 787 part 10A)	1.0 g/cm <sup>3</sup>

Note: The above analytical data are not specifications.

**ADVANTAGES:** PD 14 increases the dimensional stability, and improves the plasticizer absorption and retention of standard elastomers (NR, IR, SBR, EPDM, CSM, IIR). Typical dosage is 10-25 phr.

**APPLICATION:** Dark colored roller covering, floor covering, extruded products, and calendered sheets.

**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. one year 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 PD 14

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

Issued: 1/31/07