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VULCANIZED VEGETABLE OIL

AKROFAX™ 57 WHITE

PRODUCT DESCRIPTION:

Akrofax 57 White is a white, medium-hard, vulcanized vegetable oil, made from pure rapeseed oil and mineral stabilizers. It is commonly used in erasers and other white or light colored applications. The sulfur monochloride used to cure the vegetable oil will acidify rubber cures. To overcome the slowing of a cure we recommend adding 3-4 phr of MgO and/or 0.25-0.4phr of a guanidine (DPG or DOTG) to recover cure rate.

TYPICAL PROPERTIES:

Acetone Extract	15-23%
Free Sulfur	0.30% max
Mineral Oil.....	15%
Ash.....	39-43%
Specific Gravity @20°C	1.48
Physical Form	crumb

FUNCTION:

- Capacity for absorbing large amounts of mineral oils and other liquid plasticizer on mill and banbury.
- To speed the incorporation of fillers and to increase milling efficiency.
- To reduce migration of oils and plasticizers to the surface in low durometer stocks.
- To provide a non-thermoplastic structure in uncured compounds which strengthens extruded sections and minimizes distortions in open steam cures.
- Ability to flow or promote flow under mechanical pressure.
- To provide a unique surface finish and supple feel to vulcanized rubber goods.
- To improve ozone resistance of the rubber compounds.