ExxonMobil

Plastol™ 537

ExxonMobil Specialties , Australia

Product Description

Plastol 537 is a paraffinic low-colour mineral oil, complying with the purity requirements defined by the United States Food and Drug Administration (FDA) in chapter 21 CFR 178.3620(c). Although less refined than other Plastol technical white oil grades, it has a markedly better colour and colour stability than conventional rubber process oils.

The quality of ExxonMobil White Oils is assured for every delivery. These products are produced and controlled according to the ExxonMobil Product Quality Management System, EN ISO 9000 or equivalent standard.

Applications

Elastomers

- Plastol 537 is recommended as an extender oil in EPDM or EPDM-based Thermoplastic Olefinics (TPO) and Thermoplastic Vulcanisates (TPV). It provides improved stability against colour and mechanical degradation of EPDM bales during storage, when compared to conventional extender oils. Due to a much higher degree of refining leading to very low sulphur content, Plastol 537 is also well adapted to peroxide curing of EPDM or Thermoplastic Vulcanisates (EPDM).

Regulations and Claims

This product meets
FDA 21 CFR 178.3620(c)

Properties and Specifications

Property	Standard Method(a)	Typical	Min	Max
Appearance	Visual		Clear and Bright	
ASTM Color	ASTM D1500	0.5		1.0
Kinematic Viscosity @ 40 C, mm2/s	ASTM D445		90.0	116.0
Kinematic Viscosity @ 100 C, mm2/s	ASTM D445	11.4		
Density @ 15 C, kg/m3	ASTM D4052	880		
Pour Point, °C	ASTM D97			-3
Flash Point, Cleveland Open Cup, °C	ASTM D92		240	
Sulfur content, wt%	ASTM D4294			0.20

Note 1: Products are certified on release to meet the values specified. Actual values may deviate within the established reproducibility of the test method specified.

Note 2: For purpose of determining conformance with specification, observed or calculated values shall be rounded off to the nearest unit in the last significant digit used in expressing the limiting value in accordance to the ASTM E 29 method

(a) In lieu of standard test method, alternate test methods may be used for the certification of a product property.

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly. This product data sheet is based on global product data sheets for use with products purchased in the U.S.

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