ExxonMobil

PLASTOL 517

ExxonMobil Specialties , United States

Product Description

Plastol 517 is a mineral paraffinic white process oil, complying with the purity requirements defined by the United States Food and Drug Administration (FDA) in chapter 21 CFR 178.3620(c). It has a markedly better colour and colour stability than conventional rubber process oils.

ExxonMobil mineral oils are produced and controlled according to the ExxonMobil Product Quality Management System, EN ISO 9000 or equivalent standard

Applications

Elastomers

Plastol 517 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, Plastol 517 is also well adapted to peroxide curing of EPDM or Thermoplastic Vulcanisates (EPDM).

Regulations and Claims

This product meets or exceeds the requirements of:
FDA 21 CFR 178.3620(c)

Properties and Specifications

Property	Standard Method(a)	Typical	Min	Max
Appearance	Visual		Clear and Bright	
Flash Point, Cleveland Open Cup, °C	ASTM D92		255	
Pour Point, °C	ASTM D97			-6
Color, Saybolt	ASTM D6045		+10	
Kinematic Viscosity @ 40 C, mm2/s	ASTM D445		93	108
Paraffinic Carbons (Cp), %	AM-S 1805	71		
Naphthenic Carbons (Cn), %	AM-S 1805	29		
Aromatic Carbons (Ca), %	AM-S 1805	0		

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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Exxon Mobil Corporation
22777 Springwoods Village Parkway
Spring TX 77389

+1 703 846 3000
http://www.exxonmobil.com

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