

ChevronTexaco 141 Refined Wax

Category : Fluid , Lubricant

Material Notes:

Features Chevron Refined Waxes are fully refined, food grade waxes meeting the highest purity standards. Derived from petroleum using a solvent refining process, Chevron Refined Waxes are comprised of a mixture of normal paraffins ranging in carbon number from 20 to 43. Chevron Refined Waxes are available in two melting point grades. When heated, these waxes melt to become colorless, low viscosity liquids with low odor. When cooled, they harden to become opaque, semi crystalline solids. In addition to their well-defined melting points, each grade offers an array of functional properties that determine its suitability for a given application. Important solid-phase properties include water repellency, hardness, surface adhesion, visual aesthetic (e.g. gloss), low temperature flexibility, and resistance to blocking. Important liquid-phase properties include viscosity, solubility and emulsibility. All Chevron Refined Waxes comply with the following U.S. Food and Drug Administration (FDA) regulations pertaining to the use of petroleum wax in, on or in contact with food: 21 CFR 172.886 – use as a food additive permitted for direct addition to food; 21 CFR 178.3710 – use as a component of nonfood articles in contact with food; 21 CFR 176.170 and 21 CFR 176.180 – use as a component of paper and paperboard in contact with aqueous and fatty foods; and dry foods, respectively. Chevron Refined Waxes also comply with a host of other regulations including: Coalition of Northeastern Governors (CONEG) Model Toxic Legislation banning the use of heavy metals in packaging materials. State of California Proposition 65 regulating exposure to and warnings regarding chemicals known to the state to cause cancer and reproductive toxicity. Federal Clean Air Act of 1990 regulating the atmospheric emission of volatile organic hydrocarbons. Applications Chevron Refined Waxes offer outstanding value and performance in a wide range of packaging and nonpackaging applications including:

- Packaging Applications – Coatings for: Flexible paper packaging, Folding Cartons, Corrugated boxes, Paper cups, Waxed paper.
- Nonpackaging Application: Candies, Cheese, fruit and vegetable coatings, Cosmetics, Crayons, Hot melt adhesives, Metalworking fluid additives, Pharmaceuticals, Polishes and waxes, PVC lubricants, Tire and rubber antioxidants.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-141-Refined-Wax.php

Physical Properties	Metric	English	Comments
Density	0.7708 g/cc	0.02785 lb/in ³	ASTM D4052
	@Temperature 82.2 °C	@Temperature 180 °F	
Kinematic Viscosity at 100°C (212°F)	4.3 cSt	4.3 cSt	ASTM D445

Mechanical Properties	Metric	English	Comments
Penetration	13	13	
	@Thickness 0.100 mm, Temperature 25.0 °C	@Thickness 0.00394 in, Temperature 77.0 °F	
	40 - 65	40 - 65	
	@Thickness 0.100 mm, Temperature 37.8 °C	@Thickness 0.00394 in, Temperature 100 °F	

Thermal Properties	Metric	English	Comments
Melting Point	58.3 °C	137 °F	
Flash Point	450 °C	842 °F	ASTM D92

Descriptive Properties	Value	Comments
Blocking Point, °F	114	
Color	+29, Saybolt	
Oil Content wt%	0.3	

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