



RICINASH

Renewable Materials Private Limited
Ways of Oleochemistry

Product Data Sheet - rev.01/04/26

RiNyl-Ox

Pentaerythritol Tetra Oleate (PETO)

Description

RiNyl-Ox is made from renewable raw materials derived from plant origin. It has versatile properties that improve a product's chemistry/processability.

Characteristic Values*

Properties	Units	AOCS Test	RiNyl-Ox PETO
Physical:			
Appearance	@ 25°C	Visual	Lt. Yellow Liquid
Clarity molten form	Gardner Tube	Visual	Clear
Color molten form	Gardner Scale	Visual	2 max
Moisture	%	Ca 2c-25	0.1 max
Viscosity bubble secs	@ 25°C Gardner Tube	Tq 1a-64	2 +/- 1
Emulsion. 5% disp. in hot water w/w	@ 25°C	Visual	Stable
Chemical:			
Acid Value	mg KOH/g	Cd 3d-63	1.5 max
Saponification Value	mg KOH/g	Cd 3-25	185 – 195
Iodine Value	cg I ₂ /g	Tg 1-64	85 – 90
Hydroxyl Value	mg KOH/g	Cd 13-60	20 max
Soap as K Stearate	%	ROML	7 +/- 1

*Slight variations in the characteristic values stated are possible due to production made out of natural raw materials but it shall have no influence on its application functionalities.

Packing: In Barrels (net wt. 200 kgs)

Shelf Life / Storage: Shelf life is 12 months from manufacturing date when stored in a cool place (< 35°C), in tightly closed packaging, protected from dust, heat, & moisture.

The information given in this leaflet is based on our own research & development work and is correct to the best of our knowledge. We recommend that the actual users should conduct their own tests to determine the suitability of our products for their end use. Users should refer to the MSDS and other relevant data for safe handling. Our Company shall not be responsible for any loss, injury, damage, and patent or law infringement, resulting from the use of this information.

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