

RiFine-Lx_{3/6/9}

Polyglycerol Laurate (PGL 3/6/9)

Description

RiFine-Lx_{3/6/9} 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 Method	RiFine-Lx ₃ PG3L	RiFine-Lx ₆ PG6L	RiFine-Lx ₉ PG9L
Physical:					
Appearance	@ 25°C	Visual	White Waxy solid	Amber Liquid	Amber Liquid
Clarity molten form	Gardner Tube	Visual	Little Hazy	Clear	Clear
Color molten form	Gardner Scale	Visual	3 Max	8 Max	12G+
Moisture	%	Ca 2c-25	1 Max	1 Max	1 max
Viscosity bubble secs	@ 25°C Gardner Tube	Cc-1-25	39 +/- 3	25 +/- 3	114 +/- 5
Emulsion. 5% disp. in hot water w/w	@ 25°C	Visual	Stable	Stable	Stable
Chemical:					
Acid Value	mg KOH/g	Cd 3d-63	3 Max	6 Max	6 Max
Saponification. Value	mg KOH/g	Cd 3-25	220-230	165-185	50-60
Iodine Value	cg I ₂ /g	Tg 1-64	3 Max	3 Max	2 Max
Hydroxyl Value	mg KOH/g	Cd 13-60	350-380	255-355	490-510
HLB	@ 25°C	Std. Formula	4-5	5-7	11-13

*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.

Applications

Industry: Personal Care	Key Role	Benefits
Creams	Emulsifier	Emolliency, Structure, Lubricancy
Lipsticks	Emulsifier	Emolliency, Structure, Lubricancy
Soaps	Emulsifier	Emolliency, Structure, Lubricancy
Shampoos	Emulsifier	Emolliency, Structure, Lubricancy

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