

RiGlyn-Xn_{3/6/9}

Polyglycerine (PG 3/6/9)

Description

RiGlyn-Xn_{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	<i>RiFine-Xn₃</i> PG3	<i>RiFine-Xn₆</i> PG6	<i>RiFine-Xn₉</i> PG9
Physical:					
Appearance	@ 25°C	Visual	Yellow Viscous Lqd	Yellow Viscous Lqd	Yellow Viscous Lqd
Clarity molten form	Gardner Tube	Visual	Clear Star Shine	Clear Star Shine	Clear Star Shine
Color molten form	Gardner Scale	Visual	4 max.	8 max.	12 max.
Moisture	%	Ca 2c-25	0.25 max.	0.25 max.	0.25 max.
Viscosity bubble secs	@ 25°C Gardner Tube	Tq 1a-64	90 +/- 10	180 +/- 10	270 +/- 10
Chemical:					
Acid Value	mg KOH/g	Cd 3d-63	0.1 max.	0.1 max.	0.1 max.
Hydroxyl Value	mg KOH/g	Cd 13-60	1300 +/- 50	975 +/- 50	925 +/- 50
Polyglycerine Content	%	Ca 2c-25	98 min.	98 min.	98 min.

*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	Humectant	Moisturizing, Lubricancy
Soaps	Humectant	Moisturizing, Lubricancy
Shampoos	Humectant	Moisturizing, Lubricancy

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