

RiSoft-Qx

Superior Blend of Emulsifiers

HSN: 29157090 EEC: E-471 & E-481

Description

RiSoft-Qx is a fatty acid ester made from 100% renewable raw materials derived from plant origin. It has versatile properties that allow it to act as: an emulsifier, structurant, etc.

Characteristic Values*

Properties	Units	AOCS Test Method	RiSoft-Qx SLMS
Physical:			
Appearance	@ 25°C	Visual	Ivory Flakes
Clarity <small>molten form</small>	Gardner Tube	Visual	Clear
Color <small>molten form</small>	Gardner Scale	Visual	3 max
Moisture	%	Ca 2c-25	1 max
Melting Point	°C	Cc 1-25	55 +/- 5
Emulsion <small>(5% disp. in hot water w/w)</small>	@ 25°C	Visual	Stable
pH <small>(pH paper)</small>	pH Scale	Visual	6 +/- 1
Chemical:			
Acid Value	mg KOH/g	Cd 3d-63	30 – 40
Saponification Value	mg KOH/g	Cd 3-25	140 – 160
Iodine Value	cg I ₂ /g	Tg 1-64	3 max
Hydroxyl Value	mg KOH/g	Cd 13-60	60 – 70
Monoglycerides	%	Cd 11b-91 (GC)	20 – 25
Free Polyol	%	Cd 11b-91 (GC)	2 max
Soap as K/Na Stearate	%	RRMPL	8 – 10

*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 Bags (net wt. 25 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: Food	Function	Benefits
Breads	Emulsifier	Improved Texture & Volume, Crumb Softener, Anti-Staling
Biscuits	Emulsifier	Good Emulsifier/Texturizer, Improved Shelf-life, Substitutes Soya-Lecithin

Authorization: (sign not necessary if emailed doc.)

Approved by:	Approved by:	Approved by:
TECH: EX	MFGN: EX	MKTG: EX

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