

RiTan-Wx

Sorbitan Mono Stearate

HSN: 29157090 EEC: E-491 Sorbitan Stearate

Description

RiTan-Wx 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, stabilizer, structurant, etc.

Characteristic Values*

Properties	Units	AOCS Test Method	RiTan-Wx SMS
Physical:			
Appearance	@ 25°C	Visual	Ivory Flakes
Clarity <small>molten form</small>	Gardner Tube	Visual	Clear
Color <small>molten form</small>	Gardner Scale	Visual	6 max
Moisture	%	Ca 2c-25	1 max
Melting Point	°C	Cc 1-25	57 +/- 3
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	6 max
Saponification Value	mg KOH/g	Cd 3-25	147 – 157
Iodine Value	cg I ₂ /g	Tg 1-64	3 max
Hydroxyl Value	mg KOH/g	Cd 13-60	235 – 260
Free Polyol	%	Cd 11b-91 (GC)	5 max
Soap as K/Na Stearate	%	RRMPL	5 – 7

*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	Key Role	Benefits
Cakes	Emulsifier	Improved Aeration & Stability, Uniform Crumb Structure, Enhanced Softness
Gums	Emulsifier	Good plasticizer for gum base, Improved handling & gloss
Coffee-Whiteners	Emulsifier	Excellent emulsifier, Better dispersibility

Authorization: (sign not necessary if emailed doc.)

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

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