

RiWay-Nx

Oleochemical Derivative

HSN: 29157030

Description

RiWay-Nx 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: a lubricant, antistatic agent, etc.

Characteristic Values*

Properties	Units	AOCS Test Method	RiWay-Nx GMS
Physical:			
Appearance	@ 25°C	Visual	Ivory Flakes/Beads
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	58 +/- 2
Chemical:			
Acid Value	mg KOH/g	Cd 3d-63	1.2 max
Saponification Value	mg KOH/g	Cd 3-25	168 – 183
Iodine Value	cg I ₂ /g	Tg 1-64	3 max
Hydroxyl Value	mg KOH/g	Cd 13-60	300 – 330
Monoglycerides	%	Cd 11b-91 (GC)	40 min
Free Glycerol	%	Cd 11b-91 (GC)	5 max
Soap as K Stearate	%	RRMPL	0.3 max

*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: Plastics	Function	Benefits	Dosage %
PVC	Internal Lubricant Anti-Static Anti-Fog	Reduces Melt Viscosity, Gives Thermal Stability, Better Optical Properties Reduces Static Charge, Minimizes Dust Pick-up Retards Fogging on Films & Yields Transparency	0.3 – 1.0 0.2 – 1.0 0.5 – 1.0
PE	Anti-Static Anti-Fog	Reduces Static Charge, Minimizes Dust Pick-up Retards Fogging on Films & Yields Transparency	0.3 – 1.0
PP	Anti-Static	Reduces Static Charge, Minimizes Dust Pick-up	0.3 – 1.0
SAN, PA	Internal Lubricant	Reduces Melt Viscosity, Gives Thermal Stability, Better Optical Properties	0.3 – 1.0

Authorization: (sign not necessary if emailed doc.)

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

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