

RiWay-Dx

Oleachemical Derivative

HSN: 29157030

Description

RiWay-Dx 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, anti-static agent, etc.

Characteristic Values*

Properties	Units	AOCS Test Method	RiWay-Dx DMG
Physical:			
Appearance	@ 25°C	Visual	White Flakes/Beads
Clarity <small>molten form</small>	Gardner Tube	Visual	Clear
Color <small>molten form</small>	Gardner Scale	Visual	1+ max.
Moisture	%	Ca 2c-25	1 max.
Melting Point	°C	Cc 1-25	70 +/- 2
Chemical:			
Acid Value	%	Cd 3d-63	3 max.
Saponification Value	mg KOH/g	Cd 3-25	150 – 170
Iodine Value	cg I ₂ /g	Tg 1-64	3 max.
Hydroxyl Value	mg KOH/g	Cd 13-60	300 – 330
Monoglyceride	%	Cd 11b-91 (GC)	90 min.
Free Glycerol	%	Cd 11b-91 (GC)	1 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	External Lubricant	Mold Release	0.3 – 1.0
PP, PE	Anti-Static	Reduces Static Charge, Minimizes Dust Pick-up	0.3 – 1.0
EPS	External Lubricant Anti-Static	Mold-Release 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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