

RiWay-Sx

Polyglycerol Stearate (PGMS)

Description

RiWay-Sx 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	RiWay-Sx PGMS
Physical:			
Appearance	@ 25°C	Visual	Ivory Flakes/Beads
Clarity molten form	Gardner Tube	Visual	Clear
Color molten form	Gardner Scale	Visual	5 max.
Moisture	%	Ca 2c-25	1 Max
Melting Point	@ 25°C	Cc-1-25	54 +/- 2
Chemical:			
Acid Value	mg KOH/g	Cd 3d-63	6 Max
Saponification. Value	mg KOH/g	Cd 3-25	120 – 140
Iodine Value	cg I ₂ /g	Tg 1-64	3 Max
Hydroxyl Value	mg KOH/g	Cd 13-60	230 – 250
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 Agent	Reduces Static Charge, Minimizes Dust Pick-up	0.3 – 1.0

The information given in this leaflet is based on our own research & development work and is correct to the best of our knowledge. We recommend that the actual users should conduct their own tests to determine the suitability of our products for their end use. Users should refer to the MSDS and other relevant data for safe handling. Our Company shall not be responsible for any loss, injury, damage, and patent or law infringement, resulting from the use of this information.