

Southern Hydro Carbons

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Southern Hydro Carbons is engaged in manufacture of modified starches used in the various fields like

Textile Sizing

- One Shot Sizing chemicals
- Modified Textile Sizing Starches

Pre Gel Starch

- Coke Briquetting Binder
- All Types Of Pre-gel Starches - Tapioca, Maize, Potato, etc.,

Drilling Applications

- Drilling Starch
- CMS

ONE SHOT SIZING STARCHES/ MODIFIED TEXTILE SIZING STARCHES

Advantages

- A. Sizing is the heart of weaving process. No dropping in sizing & weaving will eliminate unwanted problems of hairiness.
- B. Good Adhesion to increase strength, abrasion resistance, smoothness, elasticity and stiffness of the sized yarn.
- C. To improve weaving ability of warp yarn by making it more resistance to action of weaving like absorption, friction, tension, etc..
- D. To maintain good fabric quality by reducing less hairiness and weakness of the sized yarn.
- E. Tensile or breaking strength of cellulosic yarn is increased by sizing.
- F. By adding size material yarn weight is increased.

PRODUCT SPECIFICATION

Product Name: ORI-ONE SIZE

S.No.	Parameter	Specification
1	Appearance	White to light brown granular, fine powder free from any extraneous matter.
2	Constitution	Modified starches FREE from synthetic polymers
3	Base	Maize Starch / Tapioca Starch
4	Moisture	14.0 % max
5	pH(5 %)	6.5 – 8.5
6	Viscosity (5 % paste, cooking 30min at 90°C,BTRA cup without cap)	6 – 8 ± 0.5 sec
7	Iron Content	20 ppm max
8	Particle size (retention on 10 mesh)	Passing 99%
9	Black speck	++ max

Packing and Storage

The product is available in 50 Kg HDPE woven bags with moisture proof LDPE inner liner.

PRODUCT SPECIFICATION

Product Name: ORI JET-LV

S.No.	Parameter	Specification
1	Appearance	light brown granular, fine powder free from any extraneous matter.
2	Constitution	Modified starches FREE from synthetic polymers
3	Base	Maize Starch / Tapioca Starch
4	Moisture	10.0 % max
5	pH(5 %)	6.5 – 8.5
6	Viscosity (10 % paste, cooking 40min at 90°C,BTRA cup without cap)	7 – 9 ± 0.5 sec
7	Iron Content	20 ppm max
8	Particle size (retention on 30 mesh)	Passing 99%
9	Black speck	++ max

Packing and Storage

The product is available in 50 Kg HDPE woven bags with moisture proof LDPE inner liner.

RED LISTED ITEMS

1. Mercury & its Compounds
2. Cadmium & its Compounds
3. Gama – Hexachlorocyclohexane
4. DDT
5. Pentachlorophenol
6. Hexachlorobenzene
7. Hexachlorobutadine
8. Aldrin
9. Dieldrin
10. Endrin
11. Carbon Tetrachloride
12. Polychlorinated Biphenyls
13. Dieldrin
14. 1,2-Dichloroethane
15. Trichlorobenzene
16. Atrazine
17. Simazine
18. Tributyltin oxide / Tributyltin Compounds
19. Triphenyltin Compounds
20. Trifluralin
21. Fenitrothion
22. Azinphos – Methyl
23. Malathion
24. Endosulfan
25. Triclosan

All the above listed items are not used in the manufacture of One Shot Sizing and Textile Modified Starches.