

SMIL-O-SIZE 2000



BRIEF

SMIL-O-SIZE 2000 is highly modified starch used for surface sizing by paper manufactures as per their specific needs. It has high viscosity which enhances pasting and stability. It is added to cold water with continuous agitation as per required concentration. The solution can be cooked by direct steam injection or in jacketed cooker at 90° C for about 20-35 minutes. When using a continuous jet cooker the starch slurry is heated to 100°C - 105° C temperature.



CHARACTERISTICS

- Higher Bursting Strength, RCT and CMT than traditional oxidized starch.
- Controlled penetration as per machine needs.
- Reduced steam consumption and better machine speed.
- Higher and stable viscosity.
- Better pasting on paper.
- Very low tendency to retrograde.
- Provides tough, clear and flexible films.



TECHNICAL DETAILS:

Trademark Name	SMIL-O-SIZE 2000
Appearance	OFF White Powder
Moisture	14% Max.
Viscosity of 10% paste at 50°C in Brookfield, spindle no 61, 100 rpm	90-110 cps
pH (10% Aqueous Solution)	7 to 9
Total Ash	1.5 % Max on DB
Appearance of 10% paste	Fluid, no phase separation on storage till 72 hours at 30°C

*The specifications can be customized as per customer's requirement.



PACKAGING

25Kg PP Bags/Paper Bags, 50Kg PP Bags, 500/850/1000Kg HDPE Bags



STORAGE:

To be stored on above ground on clean, dry and dust free warehouse, Maintain ambient temperature, Keep away from water, direct sunlight and flames.



SHELF LIFE

2 Years from the date of manufacturing.