

SMIL-O-SIZE 8000



BRIEF

SMIL-O-SIZE 8000 is highly modified starch used as for surface sizing by paper manufactures as per their specific needs. It has medium Viscosity which enhances strength in Kraft papers with cost-effectiveness. 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 85°C to 90°C for about 20-35 minutes. When using a continuous jet cooker the starch slurry is heated to 100°C to 105°C. temperature.



CHARACTERISTICS

- Higher printability and pigment coating, higher brightness, smoothness, higher surface strength compared to conventional oxidized starch.
- Clarity and reduced tendency to retrograde.
- Has lower pasting temperature.
- Provides tough, clear and flexible films.
- Pastes are more stable to salts and hard water than pastes of cationic or anionic starches.



TECHNICAL DETAILS:

Trademark Name	SMIL-O-SIZE 8000
Appearance	Fine White Powder
Moisture	14% Max.
Brightness	Minimum 88
Viscosity of 10% paste at 55°C in Brookfield Viscosity @100 RPM, spindle no 61	55 to 90 cps (as per requirement)
pH (10% Aqueous Solution)	4.5 to 7
Total Ash	0.4% Max on DB
Mesh Size-pass through 85# Mesh	99%

*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.