



**Technical
Absorbents**

SAF™

Technical Data Sheet - Product Type: 102/52/10

Absorbency (g/g) (0.9% Saline Solution)	
15 Minute Free Swell Capacity:	47
0.3 psi Absorption Under Load:	21

Absorbency (g/g) (DM Water)	
15 Minute Free Swell Capacity:	>120
0.3 psi Absorption Under Load:	>45

Physical Properties	
Colour:	White
Staple Length (mm):	50
Moisture Content (%):	14% (Typical)

Packaging	
Format	Bales, Polyethylene liner, Polypropylene outer
Length (mm)	1220
Width (mm)	1300
Height (mm)	800
Standard Weight (Kg)	250

Labelling	
Each labelled to show:	Fibre type
	Unique bale identification number
	Bale weight

Storage

SAF™ should be stored in its original packaging. As supplied, SAF™ is baled in a polythene (LDPE) liner, with polypropylene outer. The polypropylene outer must not be damaged if SAF™ is to be stored successfully.

Bales should not be opened until required for processing. If it is necessary to open the contents of a bale, then the bale must be resealed. Bales should not be placed in a damp or wet environment.

SAF™ is a highly absorbent fibre and will tend to extract moisture both from the atmosphere and from any surface it comes into contact with.

Handling

Ensure appropriate handling precautions are taken when handling the bales.

Moisture Content

The moisture content of SAF™ is important for successful processing. Once unpacked the moisture content of SAF™ is affected by environmental conditions. Successful processing of SAF™ is aided by careful storage and handling procedures which maintain the fibre at the correct moisture content.

Processing

Processing conditions should be chosen to suit the majority fibre. In some cases, conditions may need to be adjusted to avoid damage to the SAF™ and resulting waste.

SAF™ fibres can be damaged by aggressive opening.

After blending, process immediately. If this is not practicable, then the blend should be stored in sealed polythene bags or containers to prevent a change in fibre moisture.

Relative Humidity in the processing area should be kept between 40-60%.

Exact processing conditions are very dependent on the machinery, fibre blend and final product form.

Safety

Please consult the Safety Data Sheet for the product.

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