

# TRAMFLOC, INC.

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## Technical Information Bulletin

### TRAMFLOC® 8870 SUPERABSORBENT POLYMER

#### *Physical Properties*

Appearance:	White granules
Absorption in 0.9% NaCl (g/g)	65 minutes
Centrifuge Retention Capacity (g/g)	36 minutes
Absorption Under Pressure (0.7 psi)	18 minutes
Residual Monomer (as AA)	300 ppm max
Moisture Content (%)	6 max
pH	6 – 6.5
Density (g/cm <sup>3</sup> )	0.6 – 0.7
Absorption Rate (s)	30 max
Particle Size Distribution	
>710 µm	5% max
500 – 710 µm	35 – 50%
300 – 500 µm	40 – 50%
150 – 300 µm	8 – 20%
<150 µm	3% max

#### *Product Description*

Tramfloc® 8870 is a Super Absorbent Polymer based on the salt of cross-linked polyacrylate. This polymer provides a good permeability combined with an excellent absorption under pressure and a high retention capacity. It is designed for the use in modern hygiene products such as baby and adult diapers. Due to the well balanced performance, this super absorbent polymer serves a broad range of hygiene products containing low to moderately high superabsorbent concentrations.

#### *Product Packaging*

Product is available in 20 kgs waterproof paper bags, 800 kgs Super Sacks. Keep in dry conditions. Avoid direct sunlight and moisture. Product has one year shelf life.

#### *Product Safety*

This product has been widely tested and is considered to be non-toxic by application to the skin and not irritating or sensitizing to the skin. Testing against various ecological indicator organisms indicates that the material does not represent an environmental hazard.

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