

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 8860 SUPERABSORBENT POLYMER

Physical Properties

Appearance:	White granules
Absorption in 0.9% NaCl (g/g)	52 minutes
Centrifuge Retention Capacity (g/g)	29 minutes
Absorption Under Pressure (0.7 psi)	20 minutes
Residual Monomer (as AA)	300 ppm max
Moisture Content (%)	6 max
pH	6 – 6.5
Density (g/cm ³)	0.6 – 0.7
Absorption Rate (s)	45 max
Particle Size Distribution	
>710 µm	3% max
500 – 710 µm	35 – 45%
300 – 500 µm	30 – 40%
150 – 300 µm	10 – 20%
<150 µm	1% max

Product Description

Tramfloc® 8860 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 and in 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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