

# Technical Data Sheet



## Superabsorbent Polymer

DSorb<sup>®</sup>-228

### Chemical Basis

Sodium Polyacrylate, cross-linked

### Properties/Characteristics

Items	Typical	Test Method
Appearance	White granules	Visual
Moisture content (wt%)	3.2	ERT 430.2(02)
Free Absorbency(g/g)	58.0	ERT 440.2(02)
Retention Capacity (g/g) :	34.0	ERT 441.2(02)
Absorption Under Load (0.7psi)(ml/g) :	22	ERT 442.2(02)
Residual monomer(ppm) :	350	ERT 410.2(02)
Bulk density (g/ml) :	0.64	ERT 460.2(02)
pH	6.1	ERT 400.2(02)
Particle size distribution(%) 850 μm on 150 μm thru	0.5 2.5	ERT 420.2(02)

### Safety data

Labeling according to EC directives: not relevant

### Shelf life and Storage

12 months under proper storage conditions

Ensure that bags are well sealed completely under a cool and dry location because SAP is hygroscopic

### Packaging

20kg Paper bag

700kg Bulk Bag

### Applications

With high absorption and retention capacity, this superabsorbent is specifically designed to use in modern baby diapers and adult incontinence articles. It is particularly recommended to use DSorb228 grade to optimize the performance of hygiene articles that contain a lower to moderately high superabsorbents concentration within the absorbent core.

The above results have been obtained from trials in our laboratory and plant. In the light of changing conditions they can serve only as a guide and are therefore offered without obligation. We ask you to observe the possible rights of third parties

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