

Technical Data Sheet



Superabsorbent Polymer

Grade **N8**

Chemical Basis

Sodium Polyacrylate, cross-linked

Properties/Characteristics

Items	USL	Target	LSL	Methods
Appearance	White granules			Visual
Odor	Odorless			NA
Moisture (wt%)	5	3.0	1	ERT 430.2(02)
CRC (g/g) :	34	32.0	30	ERT 441.2(02)
AAP (0.7psi)(g/g) :	-	22	21	ERT 442.2(02)
PDAUP (0.7psi)(g/g) :	11	9	7	ERT 442.2(02)
Residual Monomer (ppm) :	500	300	-	ERT 410.2(02)
Bulk Density (g/ml) :	0.73	0.65	0.60	ERT 460.2(02)
pH	6.2	6.0	5.8	ERT 400.2(02)
Particle Size Distribution(%)				
>850µm	1.0	0.0	-	ERT 420.2(02)
>600µm	35	25	20	
>300µm	60	55	50	
>150µm	25	18.5	13	
>45µm	3.0	1.5	-	
<45µm	1.0	-	-	

*These values shown are given for information only without guarantee and obligation

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

800kg 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 **N8** grade to optimize the performance of hygiene articles that contain a 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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