



Product Specification

AkzoNobel
Tomorrow's Answers Today

AKUCELL AF2781W

Chemical Name	Cellulose Gum		
Appearance	Off-white hygroscopic powder		
Specification	Test (unit)	Limits	Method
	Sodium CMC (%) dry basis	min 99.5	FCC
	Moisture(%) as packed	max 8	ASTM-D1439
	Degree of Substitution(-)	0.75 - 0.95	ASTM-D1439
	pH(-) 1% solution (25°C)	6.5 - 8.5	USP
	Viscosity*(mPa.s) 1% solution, as received	1500 - 2500	Akzo Nobel
	Sieve limit(%) retained on 140 mesh ASTM (0.106 mm)	max 1	Akzo Nobel
	Sieve limit(%) retained on 200 ASTM mesh (0.074 mm)	Max 20	Akzo Nobel
	Compacted bulk density(g/l)	600 - 900	ASTM-D1439
	Heavy metals(mg/kg) Total	max 10	FCC
	Heavy metals(mg/kg) Lead	max 2	FCC
Notes	*Viscosity is measured at 25°C with a Brookfield LV viscometer using spindle 3 at 30 rpm.		
Application	Food		



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Chemical Name	Cellulose Gum
Appearance	Off-white hygroscopic powder
Nutritional information (per 100 grams)	
Moisture	max 8.0 g
Calories	0 kcal
Fat	0.0 g
Cholesterol	0.0 g
Sodium	approx 9.5 g
Calcium	max 5 mg
Iron	max 1 mg
Carbohydrate	0.0 g
Dietary fiber	min 85.0 g
Soluble fiber	min 85.0 g
Insoluble fiber	max 0.1 g
Protein	0.0 g
Vitamin	0.0 g
Microbiological information	
Aerobic plate count	max 1000/g
Yeasts	max 100/g
Moulds	max 100/g
Escherichia coli	ND/g
Salmonella	ND/25 g
Staphylococcus aureus	ND/g
Pseudomonas	ND/g
Fecale streptococci	max 10/g
Sulphite reducing Clostridia	max 10/g
Clostridium perfringens	max 10/g
Packing	Multiply paper bags with an inner poly ethylene bag
Shelf life	2 years from date of manufacturing provided material is stored in the original bags under dry and cool conditions
Regulatory status	Product complies with current regulations of WHO/FAO, FDA and EC
MSDS	Material safety data sheet available on request
Quality assurance	HACCP ISO 9001 ISO 14001 OSHAS 18001
Application	Food