

Spray Dryer Grade	APS (µm)	Bulk Density (gm/ml)	PROPERTY
AccelSMCC 50	65	0.25-0.37	Optimal compaction & Decent Flow
AccelSMCC 50 LD	50	0.20-0.30	Best in class binder
AccelSMCC 90	125	0.25-0.37	Balance of Flow & Compaction
AccelSMCC HD 90	125	0.38-0.50	Optimal Flow & Consolidation Best Disintegration Times Low moisture grade available
AccelSMCC 90 LM	125	0.27-0.39	Equivalent to SMCC 90, with lower moisture content (<3%)

DETAILS	
Identification Test A	IR Confirms a
Identification B, A ₁ (Iodinated Zn	Violet Blue Colour
Identification C,2 (NH ₄ Mo)	Deep Yellow Colour
D ₃ (SiO ₂ disp. Uniformity Test)	Variance < 0.02%
Degree of Polymerization	NMT 350
Solubility (Ammoniacal solution of Copper Tetrammine)	Dissolves
pH	5.0-7.5
Conductivity	Max. 75µS.cm-1
Ether - Soluble Substance	Max. 0.05%
Water- Soluble Substance	Max. 0.24% as
Heavy Metals	Max.10 ppm
Loss on Drying (105°3hr.)	NMT 6.0%
Loss on Drying (105°3hr.) SMCC-90LM	NMT 3.0%
Residue on Ignition	1.80 – 2.20
Average Particle Size (90)	65 µ
PSD D10	20- 50 µ
PSD D50	90- 150 µ
PSD D90	190- 300µ
Average Particle Size (90 LM)	125 µ
Average Particle Size (50)	65 µ as
Average Particle Size (50 LD)	50 µ
Bulk Density (90)	0.250 – 0.370 g/ml
Bulk Density (90 -LM)	0.250 – 0.390 g/ml
Bulk Density (50)	0.250 – 0.370 g/ml
Bulk Density (50 - LD)	0.250 – 0.300 g/ml
Tapped Density	0.370 – 0.500 g/ml
Black Particle Count/600 cm ²	NMT 08

DESCRIPTION
White or almost white, fine or granular crystalline powder, practically insoluble in water, in dilute acids, in most of organic solvents and in dilute NaOH solution (1 in 20).

MICROBIAL LIMITS	
Total Viable Aerobic Count	Max.1000cfu/g
Total yeast & Mould Count	Max. 100cfu/g
Staphylococcus aureus in 10 g	Absent in 10g.
Escherichia Coli in 10g	Absent in 10g.
Pseudomonas aeruginosa in 10 g	Absent in 10g.
Salmonella species in 10 g	Absent in 10g.