SURAJ CHEMICALS
AN ISO 9001:2015 CERTIFIED COMPANY

12 Aug 2026

SPECIFICATION SHEET

CATIONIC POLYELECTROLYTE — HIGH MOLECULAR WEIGHT (MEDIUM CHARGE)

CHARACTERISTICS	SPECIFICATION
IONIC CHARACTER	CATIONIC
CHARGE DENSITY	MEDIUM
MOLECULAR WEIGHT	HIGH
COLOUR	WHITE
PH (5 G/L SOLUTION)	2.5 – 4.5
APPROX. BULK DENSITY	0.70 – 0.90 G/CC
PARTICLE SIZE	> 2 MM: ≤ 2% · < 0.15 MM: ≤ 6%
AVAILABLE VISCOSITY GRADES (BROOKFIELD @ 5 G/L)	STANDARD-VISCOSITY GRADE ≈ 280 CP; HIGHER-VISCOSITY GRADE ≈ 510 CP
RECOMMENDED WORKING CONCENTRATION	4 G/L
MAXIMUM USE CONCENTRATION	10 G/L
DISSOLUTION TIME (5 G/L, 25°C)	90 MINUTES
SHELF LIFE	24 MONTHS, STORED INSIDE A BUILDING AT 5–30°C

(Typical values from manufacturer / published reference data, not a batch test result. A batch certificate of analysis is supplied with every order.)
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