

27 Aug 2026

SPECIFICATION SHEET

SUNFLOC POLYELECTROLYTE CATIONIC HQ	
CHARACTERISTICS	SPECIFICATION
△ BRAND	SUN BRAND (SUNFLOC)
△ TOTAL SOLID CONTENT (%)	90.0 – 100.0
△ RESIDUAL ACRYLAMIDE (PPM)	0 – 999
◇ INSOLUBLES (%)	0.00 – 2.00
△ UL BROOKFIELD VISCOSITY (CP)	3.50 – 4.20
⊙ APPEARANCE OF SOLUTION	SLIGHTLY HAZY SOLUTION
○ FORM	GRANULAR SOLID
⊙ COLOUR	WHITE
⚡ IONIC CHARACTER	CATIONIC
⊕ CHARGE DENSITY	MEDIUM
⊕ MOLECULAR WEIGHT	HIGH
○ PARTICLE SIZE	> 2 MM: ≤ 2 %; < 0.15 MM: ≤ 6 %
⊕ APPROX. BULK DENSITY	0.70 – 0.90
△ PH	2.5 – 4.5 @ 5 G/L
△ BROOKFIELD VISCOSITY (CP)	@ 5.0 G/L: 510; @ 2.5 G/L: 230; @ 1.0 G/L: 100
△ RECOMMENDED WORKING CONCENTRATION (G/L)	4
△ MAXIMUM USE CONCENTRATION (G/L)	10
◇ DISSOLUTION TIME (MIN) IN DI WATER @ 5 G/L, 25 °C	90
⌘ STABILITY OF DI SOLUTION (DAYS)	1
△ STORAGE TEMPERATURE (°C)	0 – 35
⌘ SHELF LIFE (MONTHS)	24

(This report is computer generated and therefore does not require any signature.)

(For industrial use only. Not for fertilizer/oral/food or medical use)
(Manufactured by Suraj Chemicals)

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