



# Satellite Science & Technology Co., Ltd.

Rev No:TDS/SAP/A7

## Super Absorbent Polymer

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### Technical Data Sheet

## CR-630

Parameter	Unit	Value			Test Methods	
		Max	Target	Min	Method Number	Equivalent Method
pH	/	6.5	6.3	5.9	ISO17190-1:2001	WSP 200.2
Residual Monomer	ppm	500	300	-	ISO17190-2:2001	WSP 210.2
Particle Size Distribution	>850µm	1.0	-	-	ISO17190-3:2001	WSP 220.2
	850µm-600µm	22.0	17.0	5.0		
	600µm-300µm	80.0	60.0	45.0		
	300µm-150µm	40.0	22.0	10.0		
	150µm-45µm	2.0	1.0	-		
	< 45µm	0.5	-	-		
Moisture	wt%	5.5	4.5	2.5	ISO17190-4:2001	WSP 230.2
Free Swell Capacity (0.9%NaCl)	g/g	-	65.0	60.0	ISO17190-5:2001	WSP 240.2
Centrifugation Retention Capacity (0.9% Nacl)	F=250g g/g	45.0	42.5	40.0	ISO17190-6:2001	WSP 241.2
Absorption Under Pressure	0.3psi g/g	-	23.0	21.0	ISO17190-7:2001	WSP 242.2
Flowrate	g/s	11.0	-	8.0	ISO17190-8:2001	WSP 250.2
Bulk Density	g/mL	0.73	-	0.60	ISO17190-9:2001	WSP 260.2
Absorption rate, (Vortex)	s	55	40	-	Satellite	-
Whiteness	/	-	72	65	Satellite	-
Appearance	; White granular or powder					
Storage	; Store under dry and cool condition, and keep product air-tight.					
Packing	Kraft Paper Bag 20kg with inner PE bag; Super Sack 800kg(plastic woven bag with inner PE bag); Super Sack 1000kg(plastic woven bag with inner PE bag); 纸袋(内袋 PE袋); 1000公斤集 集袋(内袋 PE袋); 800公斤集袋(塑料编织袋内袋 PE袋); 集袋(内袋 PE袋); 1000公斤集袋(塑料编织袋内袋 PE袋);					

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