

## Superabsorbent polymer

May, 2015

### ■ Characteristics

- ✓ GS-202 is a cross-linked sodium polyacrylate.
- ✓ GS-202 is designed for the use in hygiene products with an ultra-thin type absorbent core, which has high superabsorbent concentrations. It has very high PDAUP(Permeability dependent absorption under Pressure) and absorbency under pressure (0.7psi).

### ■ Physical properties

	Units	Target	Test Method
Centrifugal Retention Capacity	g/g	31	WSP 241. 3(10)
Absorbency Under Pressure(0.7psi)	g/g	24	WSP 242. 3(10)
PDAUP	g/g	17	WSP 243. 3(10)
Particle Size Distribution			WSP 220. 3(10)
On 20 mesh(850 $\mu$ m)		0.5	
20~100 mesh(150~850 $\mu$ m)	%	98.5	
Under 100 mesh(150 $\mu$ m)		1.0	
Bulk Density	g/ml	0.68	WSP 250. 3(10)
Moisture Content	%	0.5	WSP 230. 3(10)
pH	-	6.0	WSP 200. 3(10)

### ■ Package

- ✓ Package : 900Kg bulk bag

### ■ Contact persons

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