

# LG SAP GS-302N

Acrylic

LG Chem Ltd.

## Message:

Superabsorbent polymer

Characteristics:

GS-302N is a cross-linked sodium polyacrylate

GS-302N is designed for the use in baby diapers with thin type absorbent core with high superabsorbent concentrations. It has high retention capacity, absorbency under pressure (0.7 psi) and fast absorbing rate that offers good rewet performance in baby diapers.

GS-302N has good anti-discoloration and anti-caking property. These performance offer constant quality under high humidity in hygiene products.

General Information			
Uses		Hygiene Personal care	
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.62	g/cm <sup>3</sup>	Internal method
Absorbency Under Pressure - 0.7 psi	15.0	g/g	Internal method
Absorbing Speed	35.0	sec	Internal method
Centrifuge Retention Capacity	33.0	g/g	Internal method
pH	6.3		Internal method
Moisture Content	1.0	%	Internal method
Particle Size Distribution			Internal method
150 - 850 µm	99	%	Internal method
on 850 µm	0.0	%	Internal method
under 150 µm	1.4	%	Internal method

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