

Reliance Industries (Pvt) Ltd.

217 Sector 23, Korangi Industrial Area,
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Properties of Relacol 50 Guar Gum

1. Physical Properties

Viscosity Brookfield RVF, 25 °C, 20 rpm
2 Hours after full hydration at 1% solution
5000 - 5500 CPS

Mesh	+150	8.0%	Max.
	- 200	90.0%	Min.
	- 250	73.0%	Min.

2. Chemical Analysis

Moisture	Max.	8.0%
Protein	Max.	5.0%
Gum Content	Min.	88.0%
AIR	Max.	4.00%
pH	neutral	
Heavy metals		
Arsenic	less than 3 ppm	
Zinc	less than 10 ppm	
Lead	less than 10 ppm	

3. Microbiological Analysis

Total Plate Count	< 3000/gram
Yeast and moulds	< 100/gram
Coliforms	Negative

Salmonella

Negative