



GUAR RESOURCES, LLC

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## Product Specification Sheet Guar Gum Powder: M20V60-I

Brand Name: Guar Resources		CAS# 9000-30-0	
Product ID: M20V60-I			
M20V60-I is a fine, white to pale yellow powder having a high viscosity. It can be used in a wide variety of industrial applications to build viscosity and/or control water migration. M20V60-I is stable over a wide pH range, but performs best within a neutral pH range (Between 6-8). Product hydrates in cold water but can be used in cold or heated applications.			
Typical Usage Level:	0.1% to 3.0%		
Solubility	Cold Water Soluble		
Suggested Uses:	Thickener, emulsifier, stabilizer for numerous industrial applications.		
Standard packaging	50# Bags, 2,000lbs. per pallet/ 2,000# Super Sack, one per pallet		
Shelf Life:	2 years		
Storage and Handling:	Cool and dry for maximum shelf life		
Specifications			
Physical & Chemical	Minimum	Maximum	
Viscosity- 2 hours (Brookfield Viscometer 1.0%, RV@20rpm, 25° C)	5500cps	7000cps	
Moisture	0%	12%	
Gum Content	80%	100%	
Ash Content	0%	1%	
Acid Insoluble Residue	0%	3%	
Ph (Viscosity Solution)	5.5 pH	7.0pH	
Particle Size (USS# 200 Mesh Through)	90%	100%	
Odor (Typical)	Nearly odorless	-	
Powder Color (Visual)	Creamy White	-	
Texture (Qualitative)	Free Flowing Powder	-	

The information provided is based upon tests, and observations, made under laboratory conditions and is believed to be accurate. Test results may, however, vary depending upon testing conditions. In furnishing samples and product data specifications, Guar Resources, LLC makes no Warranty, either express or implied, including any warranty of merchantability or fitness for a particular purpose. It is expressly understood and agreed that it is the buyer's responsibility to determine suitability of the product for a particular purpose, product or process. To obtain a description of our testing methodologies, please contact Guar Resources, LLC at 806.637.4662