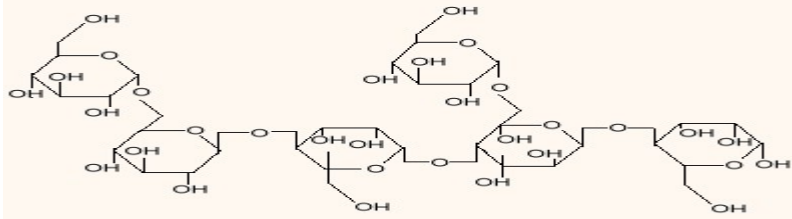




凯美亚化学有限公司
KEMIACHEM CO., LIMITED.

Technical Data Sheet

Product Name	Hydroxypropyl Guar Gum																									
Synonyms	Guar gum, 2-hydroxypropyl ether; gum guar 2-hydroxypropyl ether; guar gum, propoxylated; 2-Hydroxypropyl guar gum																									
CAS No	39421-75-5																									
Molecular Structure																										
Specification	<table border="1"> <thead> <tr> <th>Item</th><th>grade I</th><th>grade II</th></tr> </thead> <tbody> <tr> <td>appearance</td><td>free flow of powder</td><td>free flow of powder</td></tr> <tr> <td>0.125/0.09 screen residue</td><td>≤1%</td><td>≤1%</td></tr> <tr> <td>0.071/0.05 screen residue</td><td>≤10%</td><td>≤15%</td></tr> <tr> <td>moisture</td><td>≤10.0%</td><td>≤10.0%</td></tr> <tr> <td>PH</td><td>6.5-7.5</td><td>6.5-7.5</td></tr> <tr> <td>viscosity mpa.s</td><td>≥110</td><td>≥105</td></tr> <tr> <td>water insolubles</td><td>≤4.0%</td><td>≤7.5%</td></tr> </tbody> </table>		Item	grade I	grade II	appearance	free flow of powder	free flow of powder	0.125/0.09 screen residue	≤1%	≤1%	0.071/0.05 screen residue	≤10%	≤15%	moisture	≤10.0%	≤10.0%	PH	6.5-7.5	6.5-7.5	viscosity mpa.s	≥110	≥105	water insolubles	≤4.0%	≤7.5%
Item	grade I	grade II																								
appearance	free flow of powder	free flow of powder																								
0.125/0.09 screen residue	≤1%	≤1%																								
0.071/0.05 screen residue	≤10%	≤15%																								
moisture	≤10.0%	≤10.0%																								
PH	6.5-7.5	6.5-7.5																								
viscosity mpa.s	≥110	≥105																								
water insolubles	≤4.0%	≤7.5%																								
Application	1. low-damage fracturing fluid thickener 2. applied in oilfield fracturing / sand control / water control operations. 3. Hydroxypropyl guar gum powder fracturing fluid is a low damage fracturing fluid, suitable for fracturing of low permeability reservoir at 30°C-150°C .																									
Packing	N.W.25kgs bag																									
Quantity / 20'FCL	20 MTS																									