




ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD


Technical Data sheet of Polyanionic Cellulose PAC-LV & PAC-HV


TEST ITEM		STANDARD	
		PAC-LV	PAC-HV
Appearance		Freely flowable powder	
pH value		6.0-8.0	6.0-8.0
Purity, %		95 Min	95 Min
Moisture, %		10 Max	10 Max
D.S.		0.90 Min	0.90 Min
Viscosity Brookfield 1%		50 Max	1500 Min
API Fluid Lose	Increase 0.57%	25.0ml Max	20.0ml Max
API Fluid Lose	Increase 0.86%	15.0ml Max	15.0ml Max
API Fluid Lose	Increase 1.14%	10.0ml Max	10.0ml Max
YP Value	Increase 0.57%	0.5 Max	2.4 Min
YP Value	Increase 0.86%	1.0 Max	9.6 Min
YP Value	Increase 1.14%	1.5 Max	19.2 Min


Applications Polyanionic Cellulose PAC in Drilling Operations

- **Drilling Fluids :**
 - PAC is added to drilling fluids to control fluid loss, stabilize the wellbore, and improve the rheological properties of the fluid.
- **Completion and Workover Fluids :**
 - It helps in maintaining wellbore stability and preventing fluid loss during completion and workover operations.
- **Cement Slurries :**
 - PAC can be used in cementing operations to enhance the properties of cement slurries, such as controlling fluid loss and improving stability.

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