

Petrochemical O Series Of Hydroxyethyl Cellulose

O300、100000

Presentation of Product

O series of HEC is made from natural polymer cellulose, is non-ionic water-soluble polymer, it is white to slightly yellow, odorless and tasteless powdered solid.

Product applications

O series of HEC is mainly used as viscosifier and water loss controller in oil drilling industry. High-viscosity HEC is mainly used as viscosifier in well-completing or finishing fluid; while low-viscosity HEC is mainly used as water loss controller. HEC used as thickener will impart good mobility and stability to various slurries necessary for drilling, completion, cementing and fracturing operations. In drilling, HEC can increase the sand carrying capability of the slurry and extend the service life of drill bits. In low-solid content completion fluid and cementing fluid, the excellent water loss control performance of HEC can prevent large amount of water in the slurry from entering into the oil reservoir and enhancing the stabilizing capability of the wall of the reservoir.

Quality indicators

Type	Viscosity mpa.s	Moisture, % ≤	Ash, % ≤	pH
O300	150-400 (2%)	6.0	6.0	6.0~8.5
O100000	4800~6000 (1%)			

Attention: The above viscosity values are all obtained using Brookfield Viscometer at 25°C, LVD.

Packing & storage

N.W.: 25±0.25kg / package,

Inner: Polyethylene plastic film bag,

Outer: Three-in-one composite paper bag.

Under the drying condition if stored in closed pocket can achieve long-term preservation