

# GinShiCel MH 592-SD

## Technical Data Sheet

GinShiCel MH 592-SD is a non-ionic, water soluble cellulose ether. It improves the consistency, the stability, and the water retention of water based products.

### **Specifications**

GinShiCel MH 592-SD is a super high viscosity grade of Hydroxy Propyl Methyl Cellulose, also known as HPMC / MHPC.

### **Physical data**

Appearance: Whitish powder or granules  
Particle size: 99% < 250µm  
Water Content: Max 7%  
Ash Content: Max 5%  
Methoxyl Content: 19-24%  
Hydroxypropyl Content: 4-12%

### **Characteristics of aqueous solutions**

pH (2% solution): Neutral  
Viscosity (2% solution) cps: 200000 ~ 240000  
(1% solution) cps: 8000 ~ 12000

GinShiCel MH 592-SD can be directly mixed with water and allowed to hydrate slowly. Alternatively, hydration and viscosity development can be catalyzed by adding ammonia and other alkaline PH adjusters.

### **Modifications**

Delayed hydration

### **Application fields**

- Water based latex paint
- Liquid detergent

### **Packaging and Storage**

The product is packed in multi-layer paper bags with an inner polyethylene bag. Net weight 25KG. The

empty bags can be recycled or burned. In unopened bags, this product can last several years. In opened bags, the moisture content of this product will be influenced by air humidity. See MSDS for information on handling, transportation, and storage of the product.

### **CAS Number**

9004-65-3

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