

## HPMC PME2042(S)

### TYPE: PME2042(S)

PME2042(S) is odorless, tasteless, non-toxic cellulose ether. It is white powder with good water solubility. It improves the consistency, the stability, and the water retention of water based products.

**CHEMICAL NAME/:** Hydroxy Propyl Methyl Cellulose (HPMC)

CAS No./ CAS 编号: 9004-65-3

Item / 条目*	Unit / 单位	Specification / 指标
Appearance / 外观	/	White even powder
Methoxyl Content/ 甲氧基含量	%	19-24
Hydroxypropyl Content/ 羟丙基含量	%	4-12
Bulk density / 堆积密度**	g/l	380 - 440
Particle size / 颗粒大小	≤ 125μm, %	min.90.0
Drying Loss Ratio / 干燥失重率	%	≤ 5.0
Viscosity / 粘度***	mPa.s	(2% solution)40,000 - 55,000
pH Value / pH值	/	6.0 - 9.0
Transmittance of light / 透光率	%	94.0

\* According to standard / 遵照标准 JC/T 2190-2013

\*\* Free-flow bulk density refer to / 自由流动堆积密度参照 GB/T 16913-2008

\*\*\* Viscosity test method / 粘度测试方法: BROOKFIELD VISCOMETER

### PRODUCT PROPERTY of MATECEL® PME2042(S)/ 产品特点:

- Solvability: Quickly and easily dissolve in water/ liquid
- Character: High transparency rate of cellulose solution
- Particle size: Fine Powder
- Viscosity level: High

### RECOMMENDED FIELDS of APPLICATION / 可应用于:

✓ Washing-up Liquids	✓ Paints/Dyes
✓ Detergents	✓ Body wash products/Shampoo
✓ Fertilizers	✓ Hair cream/remover
✓ Cosmetics	✓ Ink

**PACKAGING & STORAGE INSTRUCTIONS :**

- Net weight: 25KG
  - Product is packed in multi-layer paper bag with an inner polyethylene bag.
  - Empty bags can be recycled or burned.
- Warranty period: as long as 2 years in unopened bags in dry places.
  - Please store bags in cool and dry places. Otherwise, products will tend to be affected by air humidity.

**DISSOLVING IN WATER :**

- PME2042(S) can be directly put into water.
- The powder can easily dissolve into water by itself. And for the best dissolving result, please make sure:
  - 1) PH level of the water used is ideally around 7.0;
  - 2) Temperature of the water used is ideally between 10°C - 30°C.

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