

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 VISCOSIMETER

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.

 + 27 79 499 5129

 info@shepardsa.co.za

 www.shepardsa.co.za

 4 Commer Street, Aureus, Randfontein, Johannesburg, RSA

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