



福建省安源（安泰）橡胶科技有限公司

PEG 4000 技术使用说明书(TDS)

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|--------------------|----------|-------------------|----|
| Active ingredients | PEG 4000 | Other ingredients | —— |
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Product introduction

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| PEG 4000, commonly known as polyethylene glycol, has good compatibility with a wide range of organic components. It has inherently good wettability/dispersibility. It has a wide range of applications in cosmetics/pharmaceuticals/chemical fiber/rubber and plastic/paper/paint/electroplating/pesticide metal processing and food industry. Used as silica active agent in rubber, its hydroxyl group combines with silanol group and other polar groups on the surface of silica particles to wet and coat silica and prevent silica from adsorbing accelerator. And because of its large molecule, it has stable performance and no migration hazard. |
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Product index

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|-------|----------------|------------------|----------------|----------------|--------------------|
| Items | molecular mass | Chromophore | Hydroxyl Value | Freezing point | Appearance |
| Unit | —— | FeCo method, No. | mgKOH/g | °C | —— |
| Index | 3600-4400 | ≤50 | 26-32 | 53-54 | Milky white flakes |

Usage method

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| Adding use to the refiner, Can be added at the same time as silica |
| PEG activity is milder than DEG, Can be used in conjunction with DEG |
| Usage: DEG alone or in combination with 8%-10% of the total silica volume added |

Package specification/ shelf life

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| 25kg/ bag, Pouch bag lined with plastic bag |
| Twelve months from the date of production. If the storage is expired, it can still be used after re inspection |

Attention points

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| 1. This product is flammable, avoid contact with fire | Flammability flammable |
| 2. This is hygroscopic and store in airtight condition. | |
| 3. Store in a well ventilated and dry place | |
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