



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)

Active ingredients	PEG 4000	Other ingredients	—
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Product introduction

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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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

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

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

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	

公司名称	福建省安源橡胶科技有限公司		
地址	福建省石狮市蚶江镇洪窟九龙山工业区22号		
电话	0595-85151198	网址	www.fjayxj.com