

产品说明 Introduction

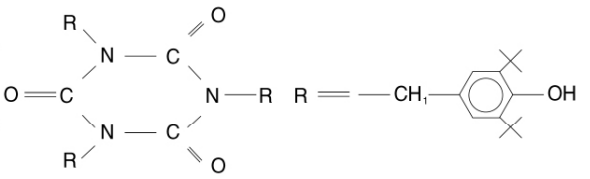
抗氧化剂 Antioxidant 3114

化学名称

Chemical Name:

1,3,5,三(3,5-二叔丁基,4-羟基苄基)均三嗪, 2,4,6-(1H,3H,5H)三酮

1,3,5,Tris(3,5-di-tert-butyl-4-hydroxybenzyl)-s-triazine-2,4,6-(1H,3H,5H)trione

分子式 Molecular formula	C ₄₈ H ₆₉ N ₃ O ₆	
分子量 Molecular Weight	784.1	
CAS号 CAS#	27676-62-6	

产品说明

Introduction

本品为具有三官能团的受阻酚型抗氧化剂, 不污染、不着色。由于分子量和熔点高, 故挥发性极小, 迁移性小, 耐水抽出性好, 可赋予塑料优良的耐热氧化性和耐光氧化性。

The product is soluble in solvents like acetone, chloroform and amide, and insoluble in alkane and alcohols. Flash point (open-cup): 289.4°C kindling point: 302°C

物理性质

Physical Properties

外观 Appearance	白色结晶粉末 White crystalline powder	含量 Assay	≥98%
熔点 Melting Range	218-224°C	灰份 Ash	≤0.006%
透光率 Light Transmittance	425nm ≥95% 500nm ≥97%	挥发份 Volatiles	≤0.5%

应用

Applications

适用于聚乙烯、聚丙烯、聚苯乙烯、ABS树脂、聚酯、尼龙、聚氯乙烯、聚氨酯、纤维素塑料和合成橡胶, 在聚烯烃中效果尤为显著。与紫外线吸收剂或亚磷酸酯类并用有协同效应, 可进一步提高光热稳定性。

The product is a kind of tri-function group phenolic antioxidant, without pollution and coloring up. Dependent on high molecular weight and melting point, it has low volatility, low transferring, and good water extraction resistance, while equips plastics with resistance to thermo-oxidation and light-oxidation. AT-3114 suits for PE, PP, PS, ABS, nylon, PVC, PU, cellulose and synthetic rubber, especially effective for polyolefin. When used with UV absorbent and phosphite ester, a synergistic effect can be reached, thus enhancing the thermo-stability and light stability.

包装

Package

25KG/桶, 纸板桶内衬塑料袋包装。或根据客户要求。

Net 25KGS/two-layer PE bag in carton/drum, or as required

贮藏

Storage

贮存时避免高温及潮湿。

With stable chemical properties, no special requirements are needed for storage but protection from moisture and heat.