

产品说明 Introduction

抗氧化剂 Antioxidant 697

化学名称 Chemical Name:

2, 2'-草酰胺基-双[乙基-3-(3, 5-二叔丁基-4-羟基苯基)]丙酸酯
2,2'-oxamidobis[ethyl 3-(3,5-di-t-butyl-4-hydroxyphenyl) propionate]

分子式 Molecular formula	C ₄₀ H ₆₀ N ₂ O ₈	
分子量 Molecular Weight	696.92	
CAS号 CAS#	70331-94-1	

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外观为类白色流动性粉末，熔点175—177℃，闪点206℃，着火点273℃，对热稳定。在溶剂中的溶解度（克/100克溶剂）：氯仿35克，丙酮10克，苯乙烯5克，甲醇1.6克，乙烷0.03克，水0.01。
White or white powder, melting point 175—177℃, flashing point 206℃, kindling point 273℃, stabilization for heat. solubility (g/100g solvent) : Acetone 10g, Chloroform 35 g, Hexane 0.03g, Styrene 5g, Water 0.01g.

物理性质 Physical Properties

外观 Appearance	白色或类白色粉末 White or white powder	含量 Assay	≥98%
熔点 Melting Range	174—180℃	灰份 Ash	≤0.1%
透光率 Light Transmittance	425nm ≥97%	挥发份 Volatiles	≤0.5%

应用 Applications

本品用作高分子材料的抗氧化剂和金属减活剂。由于本产品分子结构中同时具有阻碍酚和草酰胺官能团，使本产品具有抗氧化及金属减活剂双重功能。本产品用于高分子材中可显著降低聚合物在加工和使用过程中的氧化降解及抑制金属离子的催化作用，是电线电缆绝缘材料，汽车零部件及各种高分子材料制品的优良稳定剂，特别适用于聚乙烯，聚丙烯、ABS树脂、PVC等。本产品具有低挥发性，不使制品着色的特点，与硫代二丙酸酯类，亚磷酸酯类，HALS类和其他阻碍酚类抗氧化剂并用产生良好的协同效应。

BNX. MD-1097 is a sterically hindered phenolic antioxidant and metal deactivator. BNX. MD-1097 protects polymers against oxidative degradation and metal catalyzed degradation during processing and in end-use applications. This antioxidant also provides long term thermal stabilization properties. This phenolic antioxidant is an excellent, non-discoloring, non-staining antioxidant and thermal stabilizer with outstanding metal deactivation properties. Typical end use applications include wire and cable insulation, film and sheet manufacture as well as automotive parts. BNX. MD-1097 will stabilize polypropylene, polyethylene, polystyrene, polyester, EPDM, EVA and ABS. Low volatility, Strong synergistic effect with phosphites, other phenols and thioesters, Non-staining and non-discoloring, FDA approved for adhesives and polymers.

包装 Package

净重25KG/桶，20KG/纸袋，纸板筒内衬塑料袋包装，也可根据客户的需要包装。
cardboard boxes with plastic liners, net weight: 20Kg / box.

贮藏 Storage

贮存时避免高温及潮湿。
Product this chemical properties steady, have special to be it require. should be dampproof and insulating against heat to store.