Meyors - RBB

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DATA-SHEET

SPECIFICATION & DATA SHEET **物质规格数据表**		**Chemical Analysis:** **化学分析**	
Product Code: 产品编码	AN0123 3 100 42	Chemical Name: 化学名称	2,2,4-Trimethyl-1, 2-dihydrquinoline 2,2,4-三甲基-1,2-二氢化喹啉聚合物
Trade Name: 商品名称	Antioxidant TMQ (RD) 防老剂 TMQ(RD)	CAS No.: CAS 编号：	26780-96-1
Molecular Formula: 分子式	$(C_{12}H_{15}N)_n$	Molecular Weight: 分子量	N 1 73
Synonym 同类名称	TDQ; Nocrac 224; Flectol H; Antioxidant HS; Vulkanox®HS/LG		

Product Information: 产品资料

******Specification 规格***

Appearance (visual inspection): 外观(目测)	Amber or brown granule 琥珀色或棕色颗粒	Softening point ℃ 软化点 ℃	80.0-100
Ash content %≤: 灰份%≤:	0.50	Loss on drying %≤: 加热减量%≤:	0.50
Insoluble in ethanol (%)≤: 乙醇不溶物%≤:	0.50	Density at 20℃ (g/cm^3) 20℃下的密度(g/cm^3)	1.100

******Typical Properties 主要特性***

This product in amber or brown granule, Soluble in benzene, chloroform, carbon disulfide and acetone, but not soluble in water. the toxicity is light, pollution is low, fine solution with rubber. This product is combustible, when storing and transporting, always pay attention to fireproof and damp proof	本品是琥珀色或棕色颗粒，溶于苯、氯仿、二硫化碳及丙酮中，不溶于水。毒性小，污染性低，与橡胶相溶性好，本品可燃，贮运时注意防火、防潮。

******Recommended Applications 应用推荐***

It provides oxidation protection to nearly all elastomer types in a variety of applications, having a wide range of temperatures exposure. Its long persistence in rubber allows it to provide long-term heat aging resistance to rubber compounds. It inhibits oxidation catalyzed by heavy metals such as cooper and manganese. As a result of its high molecular weight, TMQ migrates slowly within the rubber martrix and does not bloom.	广泛应用于弹性体中起防氧化作用，它的长期持续性使它能为橡胶化合物提供长期的抗热老化作用，并且能够阻止胶料被重金属像锰催化氧化。它的高分子量导致它在橡胶基体中迁移缓慢，不易喷霜。

******Handling and Storage recommendations 推荐操作储存条件***

Store TMQ in a cool, dry, well-ventilated area, avoiding exposure of the packaged product to direct sunlight. Usually it can be store on 12 month with the common storing condition. Recommend use of date is within 6 months.	存储在阴凉，干燥，通风良好的地方，避免阳光直射产品。通常能在一般条件下存储 12 个月，建议最佳使用期：6 个月以内

******Package 包装***

Bag: 25kg/bag 包装：25kg/包	Pallet(1.1*1.1*0.1)：700kg/P 托盘(1.1*1.1*0.1) ：700kg/P

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