

丁腈橡胶KRYNAC®4155LT

产品描述	丁二烯与丙烯腈低温聚合的非污染型共聚物。
Product Description	Butadiene-acrylonitrile copolymer, cold polymerized, non-staining stabilized.
产品特性	具有优良的加工性能且环保。
Characteristics	Superior processing, Eco-Friendly.
用 途	油管、垫片、滚筒、鞋类、发泡制品、压出制品及汽车机械制品。
Application	Oil hose, packing, roller, shoe sole, foaming and extruded goods, automotive mechanical goods.

产品性能 (Polymer Properties)

性能 Property	单位 Unit	规格 Specification	检测方法 Test Method
生胶门尼粘度 ML (1+4) 100℃, Raw Mooney, ML (1+4) 100℃	MU	55±5	ISO289/ASTM D1646 (过辊 massed)
结合丙烯腈含量 (AN Content)	%	41.0±1.5	ISO 24698-1
挥发份 (Volatile matter)	%	0.5max	ISO 248/ASTM D5668
总灰分 (Total Ash)	%	0.7max	ISO 247/ASTM D5667

硫变性 (Cure Characteristics)

测试配方依据 ISO 4658 (6"开炼机混炼, 采用标准工业参比炭黑 IRB8#), 无转子硫化仪; 温度 160℃; 微型模腔; 振幅 ±0.5°; 时间 30 分钟; 无预热。

Test formulation according to ISO 4658 (6" mill mixing; based on IRB8#). MDR 160℃, micro-dies, ±0.5° arc, 30 min running time, no preheat.

		典型值 Typical	
最小转矩 (Minimum torque, M_L)	dN·m	1.5	ISO 6502 / ASTM D5289
测试 30 分钟后达到的转矩值 (Torque value attained after 30 min, M_H)	dN·m	17.7	ISO 6502 / ASTM D5289
达到最大转矩的 10%的硫化时间 (Time to a 10% of full cure from M_L , t_{10})	min	2.1	ISO 6502 / ASTM D5289
达到最大转矩的 90%的硫化时间 (Time to a 90% of full cure from M_L , t_{90})	min	13.6	ISO 6502 / ASTM D5289

包装 (Packing)	25kg/包, 胶块用 PE 膜包裹 (PE 膜熔点 110℃ max.) 25kg bales wrapped in dispersible PE film (PE film melting point 110℃ max.)
保质期 (Shelf life)	不超过 35℃的干燥条件下, 避免光照, 从生产日期起算, 保质期为 24 个月。 24 months from date of production at temperatures not exceeding 35℃ in dry conditions; exposure to light has to be avoided.
产品安全性 (Product Safety)	重要的安全信息和参考资料及可能需要的警示标签都能在安全资料表中找到。 Relevant safety data and references as well as the possibly necessary warning labels are to be found in the safety data sheet.

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