

NEDONG 耐动轮胎产品说明 Nedong Airless Tire Manual



轮胎系列 Tire Series	轻弹-线蜂窝 Light&Elastic-Line honeycomb		轮胎规格 Tire Model	14x2.5	
轮胎参数 Tire Specification	外直径(mm) Tire Outer Diameter	胎宽(mm) Tire Width	卡槽宽度(mm) Tire Groove Width	卡位直径(mm) Tire Groove Outer Diameter	卡槽深度(mm) Tire Groove Depth
	330±3	66±1	43.5±0.5	242±2.5	10.8±0.2
适配轮毂参数 Adapt to Rim Parameters	轮毂外直径(mm) Rim Outer Diameter		轮毂卡槽宽度(mm) Rim Groove Width		轮毂卡槽深度(mm) Rim Groove Depth
	272		40.5		11
性能指标 Performance Index	重量 Weight(g)		单轮承重(kg) Single Wheel Bearing Weight		安全速度(km/h) Safe Speed
	2100 （±2%）		120		25
性能特点 Performance Features	材质 Material: 由高分子复合轻质材料靠分子链交联改性而成，属于具有可逆形变的高弹复合性材料。在受外力作用下能产生一定的形变，除去外力后能迅速恢复的能力，并具有良好的物理力学性能和化学稳定性，弹性好，强度高，综合性能好。 It is made of polymer composite lightweight material modified by cross-linking of molecular chains and is a highly elastic composite material with reversible deformation. It can produce certain deformation under the action of external force, can quickly recover after removing the external force, and has good physical and mechanical properties and chemical stability, good elasticity, high strength, and good overall performance.				
	结构 Structure: 蜂窝轻弹轮胎设计采用仿生学原理，模拟蜂巢框架，使轮胎更稳固并且质量更轻。特定的胎体结构，使轮胎在承受意外压力时能将压力迅速分散，从而保证轮胎稳固性，大大提高轮胎的抗损坏能力。并同时满足减震、抗压、疲劳里程、续航、冲击等要求。 The honeycomb flick tire design adopts the principle of bionics and simulates the honeycomb structure to make the tire more flexible and lighter. The specific carcass structure enables the tire to quickly disperse the pressure when it is subjected to unexpected pressure, thereby ensuring the stability of the tire and greatly improving the tire's ability to resist damage. At the same time, it meets the requirements of shock absorption, compression resistance, fatigue mileage, endurance, and impact.				
性能特点 Performance Features	性能 Performance: 该产品拥有优秀的化学稳定性、耐腐蚀性和耐温性，在-40°-80°都可保持优良性能，通过时速 25km/h 的疲劳测试，在路试中骑行拥有较高舒适度，通过坑洼地面时不会有明显的颠簸感。 This product has excellent chemical stability, corrosion resistance and temperature resistance. It can maintain excellent performance at -40-80°C. It has passed the fatigue test at a speed of 25km/h and has a high level of comfort during road tests. There will be no obvious bumpy feeling when passing through potholes.				
	环保 Environmental Protection: 已通过 Rohs 检测，可回收加工后再利用，解决传统轮胎不可回收再利用的缺点，大幅提高材料的利用率，并提供优质的环保回收服务。 It has passed the Rohs test and can be recycled after processing. It solves the shortcomings of traditional tires that cannot be recycled and reused, greatly improves the utilization rate of materials, and provides high-quality environmental recycling services.				
适用范围 Application	适用于共享自行车，电动共享自行车等 Apply to bike-sharing, electric bike-sharing, etc.				