

龙宇钢聚甲醛介绍

聚甲醛英文名是Polyoxymethylene，简称POM，是一种性能优良的工程塑料，有“超钢”、“赛钢”之称，可替代锌、黄铜、铝和钢制作多种部件。“龙宇钢”系开封龙化聚甲醛产品品牌。作为世界五大工程塑料(聚酰胺、聚碳酸脂、聚甲醛、聚酯、聚苯醚)之一，聚甲醛广泛用于航天航空工业、汽车、电子电气、机械、仪表、管件、轻工日用品等领域，尤其在那些对润滑性、耐磨损性、刚性和尺寸稳定性要求比较严格的滑动和滚动的机械部件上，性能表现尤为优越。例如录像机、收音机、立体声音响等音响机器，打印机、CD-OM驱动器，洗衣机、干燥机、电吹风等家用电器，安全带机械部件、车门外部把手、反射镜、发动机室等的汽车用零部件、钟表等的精密零件、游戏机等玩具及文具等的成型用材料等。随着航天航空工业、汽车、电子电气等产业的不断发展，聚甲醛因其优异的性能得到迅速发展，全世界需求量每年保持在4%-5%的速度增长，发展前景非常好。

开封龙宇化工有限公司聚甲醛项目采用国际先进的共聚甲醛工艺技术，其原料消耗低，能耗低，生产连续，自动化程度高，产品质量稳定，产品牌号可调整性强，污染物排放量少，符合国家环保和清洁生产要求。

我公司经营范围包括各种牌号的龙宇钢聚甲醛颗粒、甲醛、三聚甲醛、二氧五环、晶核剂的生产与销售。

Polyoxymethylene, or POM for short, is a kind of engineering plastic with excellent performance, known as "super steel" and "Saigang", which can replace zinc, brass, aluminum and steel to make various parts. "Longyugang" is the product brand of Kaifeng Longhua Polyformaldehyde. As one of the five largest engineering plastics in the world (polyamide, polycarbonate, polyoxymethylene, polyester, polyphenylene ether), polyoxymethylene is widely used in aerospace industry, automobile, electronic and electrical, machinery, instruments, pipe fittings, light industrial commodities and other fields, especially in mechanical parts with relatively strict requirements for lubrication, wear resistance, rigidity and dimensional stability, which have excellent performance. For example, audio machines such as video recorders, radios, stereos, printers, CD-OM drives, household appliances such as washing machines, dryers, hair dryers, mechanical parts of safety belts, automotive parts such as exterior door handles, reflectors, engine rooms, precision parts such as clocks and watches, toys and stationery such as game machines, etc. With the continuous development of aerospace industry, automobile, electronic and electrical industries, polyformaldehyde has developed rapidly due to its excellent performance. The world demand has maintained a growth rate of 4% - 5% every year, and the development prospect is very good.

The polyformaldehyde project of Kaifeng Longyu Chemical Co., Ltd. adopts the internationally advanced co-formaldehyde process technology. Its raw material consumption is low, energy consumption is low, production is continuous, automation is high, product quality is stable, product brand is adjustable, and pollutant emission is low, which meets the national environmental protection and clean production requirements.

Our business scope includes the production and sales of various brands of Longyu Steel polyformaldehyde particles, formaldehyde, trimeric formaldehyde, dioxane and nucleating agent.



产 品/ Product

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龙宇钢各牌号聚甲醛

技术性能参数表

Technical performance parameter table

项 目 Description	单 位 Unit	产品规格 Product Standard					测试方法 Test Method
		MC25	BP-6	MC90	MC130	MC270	
熔体质量流动速率 Melt Flow Rate	g/10min	2.5	5.5	9	14	27	ISO 1133
简支梁缺口冲击强度 Charpy Notched Impact Strength	KJ/M2	8	6.5	6	6	5.5	ISO 179-3
屈服应力 Yield Stress	Mpa	58	59	60	62	63	ISO 527-1 ISO 527-2
拉伸模量 Tensile Modulus	Mpa	2200	2350	2450	2500	2500	ISO 527-1 ISO 527-2
断裂标称应变 Nominal strain fracture	%	30	30	30	28	28	ISO 527-1 ISO 527-2

备注：表中数值均为保证值。因品质改良，表中数值可能有一定改变。

Note: All values in the table are guaranteed values. The values in the table may change due to quality improvement.