

# POM 911AL杜邦

产品名称	POM 911AL杜邦
公司名称	东莞市晶宏塑胶原料有限公司
价格	.00/KG
规格参数	生产厂商:美国杜邦 牌号:911AL
公司地址	东莞市樟木头镇百果洞百顺小区三巷5号一楼（注册地址）
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## 产品详情

POM 911AL杜邦--销售中心（晶宏塑胶）

POM的工艺介绍：

POM has low water absorption, generally 0.2% - 0.5%. In general, POM can be processed without drying, but wet raw materials must be dried. The drying temperature is 80 C and the drying time is more than 2 hours, which should be carried out according to the supplier's information. Recycled materials generally do not exceed 20-30%. But depending on the type of product and the final use, sometimes up to 100%.The selection of POM for plastic machine requires no lagging area of screw, and there is no special requirement for injection machine. Generally, injection can be done.The melt temperature can be measured by air injection method. POM-H can be set to 215 (- 190 (- 230 () and POM-K to 205 (- 190 (- 210 () respectively.The lower the back pressure, the better. POM-K can stay for 35 minutes at 215 (?) C for less than 200 bar POM-H. POM-K can stay for 20 minutes at 205 (?) C without serious decomposition. At injection temperature, melt can not stay in the barrel for more than 20 minutes. POM-K can be detained for 7 minutes at 240 C. If the machine stops, the barrel temperature can be reduced to 150 C. If the machine stops for a long time, it must clean the barrel and turn off the heater.Stop cleaning barrel must be PE or PP, turn off the electric heating, push the screw in front. The barrel and screw must be kept clean. Impurities or dirt can change the SUPERTHERMAL stability of POM (especially POM-H). Therefore, when halogenated polymers or other acidic polymers are used up, POM material can not be beaten until PE is cleaned up, otherwise explosion will occur. Improper use of pigments, lubricants or materials containing GF nylon can lead to deterioration of plastics.

POM 911AL杜邦--POM plastic material is a linear macromolecule compound containing - CH<sub>2</sub> - O - chain in the main chain of molecule. It is opaque crystalline linear thermoplastic resin. POM is a linear polymer with no side group, high density and high crystallinity, and has excellent comprehensive properties. It is a kind of excellent resin developed after nylon. Its regular molecular structure and crystallinity make its physical and mechanical properties very excellent. It is known as "metal plastics". POM can be divided into homopolymer formaldehyde and copolymer formaldehyde according to the chemical structure of the molecular chain. Homopolymer formaldehyde is usually

obtained by the polymerization of anhydrous polyformaldehyde. Copolymer formaldehyde is the product of the copolymerization of trimethylformaldehyde and a small amount of dioxane. It is precisely because of the different structure that the homopolymer and copolymer formaldehyde have different properties. The main differences between them are: the density and crystallinity of homopolymer formaldehyde are higher, the melting point and HDT are 10 degrees higher than that of copolymer formaldehyde, the strength, creep resistance and friction resistance are better, but the thermal stability is poor, the processing temperature range is narrow about 10 degrees, and the stability of acid and alkali is lower. The density, crystallinity, melting point and strength of copolymerized formaldehyde are low, but its thermal stability is relatively good, and it is not easy to decompose. The processing temperature range is 30-50 C, which has good acid-base stability