

POM K300可隆

产品名称	POM K300可隆
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:韩国可隆 牌号:K300 用途级别:家用电器,汽车部件
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 K300可隆--Kocetal K300 is a general injection molding grade with a good mechanical property for wide range

Specific gravity 1.41 g/cm ASTM D792 melt flow rate (190 C/2.16 kg) 9.0 g/10 min ASTM D1238 shrinkage-flow 2.0% ASTM D955 water absorption rate (equilibrium, 23 C, 60% RH) 0.22% ASTM D570 hardness rating unit system test method Rockwell hardness (M level) 80 ASTM D785 Mechanical Performance Rating Unit System Test Method Tensile Strength 64.0 MPa ASTM D638 Elongation (Yield, 23 degrees C) 60% ASTM D638 Bending Modulus (23 degrees C) 2500 MPa ASTM D790 Bending Strength (23 degrees C) 94.0 MPa ASTM D790 Impact Performance Rating Unit System Test Method for Notched Impact Strength (23 degrees C) 67 J/m A of Suspension Beams Thermal deformation temperature ASTM D648 0.45 MPa, unannealed 158 degrees C ASTM D648 1.8 MPa, unannealed 110 degrees C ASTM D648 Vicat softening temperature 162 degrees C ASTM D1525 melting temperature 166 degrees C ASTM D3418 linear thermal expansion coefficient-flow 1.3E-4 cm/cm/degree C ASTM D696 under test load Electrical Performance Rating Unit System Test Method Surface Resistivity 1.0E+16 ohms ASTM D257 Volume Resistivity 1.0E+14 ohms.cm ASTM D257 Dielectric Strength 19 kV/mm ASTM D149 Dielectric Constant 3.70 ASTM D150 Dissipation Factor (1 MHz) 6.0E-3 ASTM D150 Flammability Rating Unit System Test Method UL Flame Retardant Class HB UL 94

POM has a limit oxygen index of only 15%, which is a very flammable plastic variety. As engineering plastics, POM is widely used in automobile, electronics, electrical and building materials, which require high flame retardancy of materials. Due to the poor compatibility of POM with other materials, it is difficult to prepare flame retardant POM with excellent properties by adding flame retardant directly. Asahikawa Industrial Co., Ltd. of Japan has applied for a patent for a flame retardant polyformaldehyde super-extender. The flame retardant polyformaldehyde superelongation is prepared by coating vinylidene chloride polymer latex on the superelongated polyformaldehyde or by mixing the latex with metal oxides or hydroxides. 0.2-0.5 g per gram of polyformaldehyde was coated to obtain a

continuous film with oxygen index greater than 40 and flow temperature greater than 100 C.