

型号: KG-20F10 20%玻纤加强、耐磨损

颜色: 原色高粘性

特性	测定方法	测定标准	单位	数据
机械特性				
Izod 冲击强度	ASTM D256	23°C V-notched 1/8"	J/m	78
			kgf·cm/cm	8
			ft·lbf/in	1.5
拉伸强度	ASTM D638		MPa	118
			kgf/cm ²	1200
			lbf/in ²	17100
断裂伸长度	ASTM D638		%	4
弯曲强度	ASTM D790		MPa	132
			kgf/cm ²	1350
			lbf/in ²	19200
弯曲模量	ASTM D790		MPa	5390
			kgf/cm ²	55000
			lbf/in ²	782000
热特性				
熔体流动率	ASTM D1238	300°C, 1.2kgf	g/10min	
热变形温度	ASTM D648	18.6 kgf/cm ²	°C	145
			°F	293
电力特性				
绝缘强度	ASTM D149	1.6mm	kV/mm	20
电容率	ASTM D150	10 ⁶ Hz		3.2
介电损耗因子	ASTM D150	10 ⁶ Hz		0.008
弧阻	ASTM D495		Sec.	110
体积电阻率	ASTM D257		Ω·cm	10 ¹⁶
光学特性				
透光系数	ASTM D1003	3 mm	%	Translucent
光折射率	ASTM D542			
模糊	ASTM D1003	3 mm	%	
物理特性				
比重	ASTM D792			1.41
吸水性	ASTM D570	24小时23 °C浸水	%	≤ 0.2
模具收缩	ASTM D955		%	0.3~0.5
燃烧性	UL94			(Equivalent V-0)

To our best knowledge, the values contained herein are typical of uncoloured PC and given in good faith. They may be affected by colorants, other additives, the design of a mould/die, moulding techniques applied, the size and shape of a moulded article. In view of these factors, the properties do not relieve customers from carrying out their own investigations and tests. It is entirely the customer's responsibility to determine the suitability of material and grade used for their intended application. No warranty, express or implied is made nor is liability accepted in connection with any of the information provided. We reserve the right to make additions, deletions, or modifications to the information at any time without prior notification. Kotec Corporation (30.3.2009)