

# DAICEL PC

## PCG24A

玻纤增强 PC 树脂  
GF Reinforced PC resin

### 大赛璐 基本物性

#### DAICEL TYPICAL PROPERTIES

性能 Property	单位 Unit	试验法 ISO	测定条件 Test Condition	PCG24A 10%GF
<b>物理性能 Mechanical</b>				
拉伸强度 Tensile Strength	MPa	ISO 527		80
拉伸延伸率 Elongation	%	ISO 527		-
弯曲强度 Flexural Strength	MPa	ISO 178		115
弯曲弹性模量 Flexural Modulus	MPa	ISO 178		3590
Charpy 冲击强度 Charpy Impact Strength	KJ/m <sup>2</sup>	ISO 179/1eA	4mm 宽, 23 °C 缺口	6.5
洛氏硬度 Rockwell Hardness	R	ISO 2039	R 级	-
<b>热性能 Thermal</b>				
热变形温度 Heat Deflection Temp	°C	ISO 75	4mm 宽, 1.80MPa 无退火, unannealed	130
<b>其它性能 Miscellaneous</b>				
比重 Specific Gravity	g/cm <sup>3</sup>	ISO 1183		1.24
熔融指数 Melt Flow Rate	g/10min	ISO 1133	300°C/1.2kg	25
阻燃性能 Flame Resistance	(mm)	UL94		HB/0.4mm HB/3.0mm

- 注: 1. 此数值是实验代表性的数值, 但不是质量保证书的数值, 仅供参考;  
These figures are merely typical characteristic figures of the trial ;  
They are not quality guarantee figures and are for reference only;
2. 此数值可能会受着色剂种类和数量的影响;  
These figures may be affected by type and quantity of the pigment;
3. 测试条件为 23 °C, 50%RH。/Test condition is 23 °C, 50%RH.
4. 本公司 UL 认定 File No: E47773。/UL recognition File No. of Daicel Polymer is E47773.
5. 具体颜色详情, 请进一步咨询我司。  
The colorant formulations are restricted for each UL certified color.  
Please contact us for more information.

标准成型条件/Typical settings for processing

预干燥 Preliminary drying	料筒温度设定 (°C) Barrel temperature(deg C)				螺杆回转数 Screw rotation (rpm)	背压 Back pressure (MPa)	模具温度 Mold temperature (deg C)
	喷嘴 Nozzle	前部 Front	中部 Middle	后部 Back			
3-5 小时(hrs) 110-120°C	240-300	250-300	250-270	230-250	50-100	10-20	70-100