

**一般物性/Material data sheet****CDH265 (型号/Type PA)**

碳纤维强化阻燃 PC 树脂

Carbon Fiber Reinforced Flame Retardent PC resin

項目 Properties	試験方法 Test Methods	試験条件 Test Conditions	単位 Units	CDH265
拉伸强度/Tensile Strength	ISO 527		MPa	110
弯曲强度/Flexural Strength	ISO 178		MPa	190
弯曲模量/Flexural Modulus	ISO 178		MPa	15200
夏氏冲击(切口)/ Notched Charpy impact strength	ISO 179/1eA	23°C	kJ/m <sup>2</sup>	4
热变形温度/ Deflection temperature under load	ISO 75	1.8MPa	°C	87
燃烧性/Flammability	UL94	-	-	V0/0.8mm
密度/Density	ISO 1183		g/cm <sup>3</sup>	1.31
熔融指数/Melt Flow Rate	ISO1133	240°C × 5kg	g/10min	15

注 Note: 1、以上数值仅为代表性数值，并非质保数值。/Values are typical,not quality assured.

2、本公司 UL 认定 File No: E47773。/UL recognition File No. of Daicel Polymer is E47773.

3、颜色限制详情，请咨询。/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) 80-100°C	260-300	260-300	250-290	240-280	70-90	5-20	40-60