

永塑企業股份有限公司

EVER PLASTIC CO., LTD.

Technical Data Sheet

Grade	BG002 ABS+20%GF BLACK BK-02
Resin Type	Minimum 50% PCR ABS with 20% GF
Color	black
Revision Date	2021/10/22

檢驗項目 Property	測試標準 Standard	測試條件 Test Condition	單位 Unit	實際測值 Typical Value	範圍 Range
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Physical 物理性質

比重 Specific Gravity	ASTM D792	-	-	1.19	1.17~1.21
熔融指數 Melt Flow Rate	ASTM D1238	200°C, 5kg	g/10min	16	10~18

Mechanical 機械性質

衝擊強度 IZOD Impact Strength, Notched	ASTM D256	1/8", 3.2mm 23°C	kg*cm/cm	7	5~10
彎曲強度 Flexual Strength	ASTM D790	1/4", 6.4mm 2mm/min	kg/cm ²	1350	1,300~1,680
彎曲模數 Flexual Modulus	ASTM D790	1/4", 6.4mm 2mm/min	kg/cm ²	61,000	54,000~65,000
拉伸強度 Tensile Strength	ASTM D638	1/8", 3.2mm 50mm/min	kg/cm ²	930	800~1,000
模縮率 Mold Shrinkage	ASTM D955	23°C	%	0.2~0.4	0.2~0.4

耐燃性 Flammability

熱變形溫度 H.D.T	ASTM D648	1/4", 6.4mm 1.8Mpa	°C	100	96~102
耐燃性 Flammability	UL-94	1.5mm- 3.0mm	-	HB	HB

注意事項 Note

1. All tests were run under laboratory conditions, ASTM testing procedures.
2. The data are intended as a general guide only.