

永塑企業股份有限公司

EVER PLASTIC CO., LTD.

Technical Data Sheet

Grade	SR150(85)
Resin Type	Minimum 85% PCR HIPS
Color	All dark colors
Revision Date	2021/8/3

檢驗項目 Property	測試標準 Standard	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	-	1.04	1.04~1.06
熔融指數 Melt Flow Rate	ASTM D1238	g/10min	7 (200°C, 5kg)	5~9 (200°C, 5kg)

Mechanical 機械性質

衝擊強度 IZOD Impact Strength, Notched	ASTM D256	kg*cm/cm	8	7~9
彎曲強度 Flexural Strength	ASTM D790	kg/cm ²	400	320~480
彎曲模數 Flexural Modulus	ASTM D790	kg/cm ²	19,000	18,000~22,000
拉伸強度 Tensile Strength	ASTM D638	kg/cm ²	220	200~240
模縮率 Mold Shrinkage	ASTM D955	%	0.4~0.6	0.4~0.6

耐燃性 Flammability

熱變形溫度 H.D.T	ASTM D648	°C	82	75~85
耐燃性 Flammability	UL-94	-	HB	HB

注意事項 Note

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