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鹵素及防火 V-0/5VA 級 HALOGEN & FLAME RESISTANT V-0/5VA GRADE PC EMERGE 4800-10

性能 Properties		測驗方法 Test Standards	測試條件 Conditions	單位 Units	EMERGE 4800-10
物理性能 Physical Properties					
比重 Specific Gravity		ASTM D792	—	g/cm ³	1.2
熔融流動率 Melt Flow Index		ASTM D1238	300℃ / 1.2kg	g/10min	10
成形收縮率 Molding Shrinkage		ASTM D955	mm/mm	%	0.005 — 0.007
線膨脹系數 Coefficient of Linear Thermal Expansion		ASTM D696	-40 — 82℃	mm/mm/℃	65 x 10 ⁻⁶
軟化溫度 Vicat Softening Temperature		ASTMD 1525	50℃/Hr	℃	151
透光率 Light Transmission		ASTM D1003	—	%	Opaque
洛氏硬度 Rockwell Hardness		ASTM D785	R scale	—	123
			M Scale		59
燃燒性 Flammability		—	UL-94	—	V-0 (1.5mm) 5VA (3.0mm)
機械性能 Mechanical Properties					
拉伸模量 Tensile Modulus		ASSTM D638	—	MPa	2,380
屈服拉伸率 Elongation		ASTM D638	Break	%	115
抗拉強度 Tensile Strength		ASTM D638	Yield	MPa	61
			Break		59
撓曲強度 Flexural Strength		ASTM D790	—	MPa	98
彎曲模量 Flexural Modulus		ASTM D790	—	MPa	2,330
Izod 衝擊強度 Izod Impact Strength	Unnotched	ASTM D256	23℃	J/m	NB
Izod 衝擊強度 Izod Impact Strength	Notched	ASTM D256	23℃	J/m	694

上列數據僅供參考，並不為此承擔任何責任和保證。

The data are intended as a general guide only, makes no guarantee of results and assumes no obligation or liability.