



台達發泡性聚苯乙烯

TAITACELL EPS RESIN

難燃級(Flame Retardant Grades)EPS 321

珠粒性質 Properties of beads

Properties	Unit	MM	T	S	Ss	F
粒徑範圍 Bead Size Range	mm	1.2-1.8 90% min.	1.0-1.4 90% min.	0.8-1.1 90% min.	0.65-0.9 90% min.	0.45-0.75 90% min.
發泡倍率(倍) Expandability(Time)	--	80-95	70-85	65-80	65-80	55-70
最高水份含量 Water Content max.	%	0.5	0.5	0.5	0.5	0.5

成型品性質 Properties of molded foams

Properties	Unit	MM	T	S	Ss	F
密度 Density	kg / m ³	12-25	15-30	15-30	15-30	17-35
壓縮強度(10%變形) Compressive Strength min.	kgf / cm ²	0.7	0.8	0.8	0.8	0.8
抗折強度 Flexural Strength min.	kgf / cm ²	2.0	2.5	2.5	2.5	3.0
熱傳導率 Thermal Conductivity	kcal/mh°C	0.039 ~ 0.028	0.036 ~ 0.027	0.036 ~ 0.027	0.036 ~ 0.027	0.036 ~ 0.027
燃燒性 Flammability	UL	94HF-1	94HF-1	94HF-1	94HF-1	94HF-1
		UL723	UL723	UL723	UL723	UL723
抗化學性 Chemical Resistance	酸類 Acid	--	Good	Good	Good	Good
	鹼類 Alkali	--	Good	Good	Good	Good
	溶劑 Solvent	--	Poor	Poor	Poor	Poor

註：上表所列數據依據 JIS 試驗方法所測得，僅供參考用。

The data listed represent is according to JIS test methods only for reference.

產品用途 Applications

保溫建材、建築材料、輕質填土材料以及電器產品襯墊等。

Thermal insulation, Construction materials, Lightweight fill materials and Packing for electronic appliance, etc.