



## Non-HBCD Flame Retardant Grades EPS 321N

## 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 <sup>3</sup>	12-25	15-30	15-30	15-30	17-35
壓縮強度(10%變形) Compressive Strength min.	kgf / cm <sup>2</sup>	0.7	0.8	0.8	0.8	0.8
抗折強度 Flexural Strength min.	kgf / cm <sup>2</sup>	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
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.

