


**一般級(General Purpose Grades)EPS 301**
**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.	kg / cm <sup>2</sup>	0.7	0.8	0.8	0.8	0.8	
抗折強度 Flexural Strength min.	kg / 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	
抗化學性 Chemical Resistance	酸類 Acid	--	Good	Good	Good	Good	Good
	鹼類 Alkali	--	Good	Good	Good	Good	Good
	溶劑 Solvent	--	Poor	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**

保護物品避免破裂震壞的包裝材料、保溫材料、建築材料、美工材料、魚箱、頭盔內襯。

Packing materials of protecting articles from breakage、Thermal insulations、Construction materials、Arts and crafts materials、Fish-box & helmet inner mat.