

General Purpose Polystyrene (GPPS)

Grade: GPS-500

Manufacturer: KAOFU CHEMICAL CORPORATION

高福化學工業股份有限公司

	PROPERTY 試驗項目	UNIT 單位	TESTING METHOD 測試方法	GPS-500
PHYSICAL PROPERTIES 物理性質	SPECIFIC GRAVITY 比重	23°C	ASTM D 792	1.04
	MELT FLOW RATE 流動指數	G/10min	ASTM D 1238	13.0
MECHANICAL PROPERTIES 機械性質	TENSILE STRENGTH 抗張強度	kgf/cm ²	ASTM D 638	420
	ELONGATION 延伸率	%		4
	FLEXURAL STRENGTH 抗折強度	kgf/cm ²	ASTM D 790	650
THERMAL PROPERTIES 熱學性質	ANNEALED H.D.T. 熱變形溫度	°C	ASTM D 648	78
	VICAT SOFTING TEMP. 軟化溫度	°C	ASTM D 1525	88
	FLAMMABILITY 燃燒性	FILE NO. E74014	UL-94	HB(1/8")

REMARKS

Data presented above is obtained by sample testing. It is intended for reference only and not to the standard for product acceptance.
以上數值是依照所列試驗方法所測得,僅供選擇用途品級之參考,而非只規格之界限。

General Purpose Polystyrene (GPPS)

Grade: GPS-525

Manufacturer: KAOFU CHEMICAL CORPORATION

高福化學工業股份有限公司

	PROPERTY 試驗項目	UNIT 單位	TESTING METHOD 測試方法	GPS-525
PHYSICAL PROPERTIES 物理性質	SPECIFIC GRAVITY 比重	23°C	ASTM D 792	1.04
	MELT FLOW RATE 流動指數	G/10min	ASTM D 1238	7.0
MECHANICAL PROPERTIES 機械性質	TENSILE STRENGTH 抗張強度	kgf/cm ²	ASTM D 638	420
	ELONGATION 延伸率	%		3
	FLEXURAL STRENGTH 抗折強度	kgf/cm ²	ASTM D 790	770
THERMAL PROPERTIES 熱學性質	ANNEALED H.D.T. 熱變形溫度	°C	ASTM D 648	87
	VICAT SOFTING TEMP. 軟化溫度	°C	ASTM D 1525	97
	FLAMMABILITY 燃燒性	FILE NO. E74014	UL-94	HB(1/8")

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General Purpose Polystyrene (GPPS)

Grade: GPS-550P

Manufacturer: KAOFU CHEMICAL CORPORATION

高福化學工業股份有限公司

	PROPERTY 試驗項目	UNIT 單位	TESTING METHOD 測試方法	GPS-550P
PHYSICAL PROPERTIES 物理性質	SPECIFIC GRAVITY 比重	23°C	ASTM D 792	1.04
	MELT FLOW RATE 流動指數	G/10min	ASTM D 1238	2.8
MECHANICAL PROPERTIES 機械性質	TENSILE STRENGTH 抗張強度	kgf/cm ²	ASTM D 638	500
	ELONGATION 延伸率	%		4
	FLEXURAL STRENGTH 抗折強度	kgf/cm ²	ASTM D 790	950
THERMAL PROPERTIES 熱學性質	ANNEALED H.D.T. 熱變形溫度	°C	ASTM D 648	95
	VICAT SOFTING TEMP. 軟化溫度	°C	ASTM D 1525	100
	FLAMMABILITY 燃燒性	FILE NO. E74014	UL-94	HB(1/8")

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