

General Purpose Polystyrene, SKG117

manufactured by  **SK PS (Shantou) Co., Ltd.**

SKG117 is a GPPS grade. It has the characteristics of high transparency, near colourless appearance, good melt flow, quick-speed molding and easy drawing of mold. It can mold every kinds of thin-walled or complicated products. It is mainly used for injecting the near colourless products, like handicraft articles and housewares.

Properties

Test Item	Unit	Test Method	Typical Value
Flexural Strength	MPa	ASTM D790	85.0
Izod Impact Strength	J/m	ASTM D256	23.0
Melt Flow Rate	g/10 min	ASTM D1238	7.0
Cleanliness	Granule/100g	GB12671	0.0
Haze	%	ASTM D638	0.3
Vicat Softening Temp.	°C	ASTM D1525	95.0

Note) The above data are intended as a general guide only, and not as specification limits

Conditions of Injection Molding

Type of Product	Temp. Range of 3 Zones of Feed Cylinders of Injection Molding Machine (°C)		
	H-3 (Feed Zone)	H-2 (Melt Zone)	H-3 (Injection Nozzle)
Thick-Walled (die complex)	185 ~ 195	195 ~ 235	200 ~ 240
Thin-Walled	180 ~ 190	190 ~ 230	195 ~ 235

Note) The above shaping conditions are for reference only.