

Manufacturer: Lianyungang Petrochemical Co., Ltd



GPPS STL 525

PRODUCT CHARACTERISTICS AND APPLICATIONS

The product has the characteristics of rapid injection molding, high transparency, and strong toughness. It is currently widely used in the injection molding industry.

TYPICAL PROPERTY VALUES

PHYSICAL PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS	EXPERIMENTAL CONDITION
Melt Flow Index	8	g/10min	GB/T 3682	200°C*5kg
Impact strength of cantilever beam notch	1.7	KJ/m ²	GB/T 1843	23°C, 4mm thick, Notched
Tensile fracture strength	420	Mpa	GB/T 1040	23°C,20mm/min
Tensile modulus	3100	Mpa	GB/T 1040	23°C,1mm/min
Elongation	2	%	GB/T 1040	23°C,20mm/min
Vicat softening point	94	°C	GB/T 1633	Unannealed 80°C*2hr,10N 50°C/h
Heat distortion temperature	75	°C	GB/T1634	Unannealed 120°C/h,1.8MPa 4mm thick
Residual monomer	≤500	PPM	GB/T 38271	
Flammability	HB		UL-94	

PRODUCT SAFETY COMPLIANCE

STL 525 has obtained RoHS safety certification and passed UL 94-2013 Flammability Safety Test Standard for Plastic Materials Used in Devices and Appliances. Meanwhile, STL 525 complies with the provisions of GB 4806.6-2016 and GB4806.7-2016.

PRODUCT PACKAGING

FFS heavy duty film packaging bag, net weight 25kg / bag.

STORAGE AND HANDLING

The product shall be stored in a ventilated, dry, clean warehouse with good fire-fighting facilities. During storage, it shall be kept away from the heat source and protected from direct sunlight. It shall not be stacked in the open air.

EGYPTIAN SAUDI COMPANY FOR PLASTIC

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