PERSIAN GULF POLYMER

GENERAL PURPOSE POLYSTYRENE
GPPS-G1161L

Better Decision for better Production.

LDPE	LLDPE	MDPE	HDPE	PP	PVC	GPPS	HIPS	EPS	PET	ABS	SBR	PBR	PC

A. Product Description: This grade is high heat for PS foam (XPS).

B. Application: Parts for large Home Electrical, Appliances Name Plates, Transparent Display (Covers for VTR, etc.), office stationery, Foamed PS, etc.

Property	Value	Unit	Test Method
Melt Flow Rate (200°C/5KG)	3 – 5	g/10min	D 1238
Tensile Strength (Yield)	520	(kg/cm^2)	D 638
Tensile Modulus of Elasticity	2.7×10^4	(kg/cm^2)	D 638
Izod Impact Strength (notched,t=6.4 mm)	2.2	(kg-cm/cm)	D 256
Vicat Softening point @ 50°C/hr,1000 gr	104	°C	D 1525

- Regulation (EC) No 1935/2004 of 27 October 2004 on materials and articles intended to come into contact with food
- Regulation (EC) 2023/ 2006 0f 22 December 2006 amended on good manufacturing practices and articles intended to come into contact with food
- Regulation (EC) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with (food and its amendments (2018/831, 2017/752, 2018/213, 2018/79, 2015/174).
- One hundred and ninety-one (191) Substances of Very High Concern (SVHC) analysis. SVHC list is based on the publication by European Chemical Agency (ECHA), regarding regulation (EC) No 1907/2006 concerning the REACH (191) SVHC are less than concentration of 0.1% weight by weight (w/w).).
- Residual of Hazardous Substances (RoHS) refer to RoHS directive 2011/65/ EU.
- Four hazardous substances determination to the requirements of Directive 94/62/EC and its amendments (Regulation 1882/2003/EC, 2004/12/EC, 2005/20/EC, 2013/2/EC).