

General Purpose Polystyrene (GPPS)

Grade: TJPS-G1161

(High Heat for PS Foam)

Manufacturer: Takht-e-Jamshid Pars Assalouyeh Petrochemical Company

General information:

This grade is high heat for ps foam.

Main Applications:

Parts for large Home Electrical, Appliances Name Plates, Transparent Display (Covers for VTR, etc.), Office Stationary, Foamed PS, etc.

TECHNICAL SPECIFICATION

PROPERTIES	UNIT	VALUE	STANDARD
Tensile Strength (Yield)	(kg/cm ²)	520	D-638
Tensile Modulus of Elasticity	(kg/cm ²)	2.7×10^4	D-638
Izod Impact Strength (notched, t=6.4 mm)	(kg-cm/cm)	2.2	D-256
Vicat Softening Point (50°C/hr ,1000 g)	(°C)	104	D-1525
Melt Index (200°C , 5000 g)	(g/10 min)	4	D-1238

*All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests. Which is included MFI and Vicat .

** TJPAPC Guaranteed items are MFI and Vicat .

General Purpose Polystyrene (GPPS)

Grade: TJPS-G1461

High Heat & Good Moldability

Manufacturer: Takht-e-Jamshid Pars Assalouyeh Petrochemical Company

General information:

This grade is high strength & good moldability polystyrene .

Main Applications:

Extrusion and thick-walled injection molding

Or

PS Foam, Office Stationary, Thick walled food containers, etc.

TECHNICAL SPECIFICATION

PROPERTIES	UNIT	VALUE	STANDARD
Tensile Strength (Yield)	(kg/cm ²)	500	D-638
Tensile Modulus of Elasticity	(kg/cm ²)	2.6×10 ⁴	D-638
Izod Impact Strength (notched,t=6.4 mm)	(kg-cm/cm)	2.2	D-256
Vicat Softening Point (50°C/hr ,1000 g)	(°C)	98	D-1525
Melt Index (200°C , 5000 g)	(g/10 min)	6	D-1238

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General Purpose Polystyrene (GPPS)

Grade: TJPS-G1551

(Normal flow)

Manufacturer: Takht-e-Jamshid Pars Assalouyeh Petrochemical Company

General information:

This grade is high strength & high cycle polystyrene.

Main Applications:

Thin Wall Food Containers, Medical Ware (Petri Dishes etc.), Office Stationary, Housewares, etc.

TECHNICAL SPECIFICATION

PROPERTIES	UNIT	VALUE	STANDARD
Tensile Strength (Yield)	(kg/cm ²)	440	D-638
Tensile Modulus of Elasticity	(kg/cm ²)	2.6×10 ⁴	D-638
Izod Impact Strength (notched,t=6.4 mm)	(kg-cm/cm)	2.14	D-256
Vicat Softening Point (50°C/hr ,1000 g)	(°C)	92	D-1525
Melt Index (200°C , 5000 g)	(g/10 min)	9	D-1238

*All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests. Which is included MFI and Vicat .

** TJPAPC Guaranteed items are MFI and Vicat .