



*Takht-e-Jamshid Pars Assalouyeh*

*Petrochemical Company*

General Purpose Polystyrene ( GPPS )		
TYPICAL DATA SHEET	GRADE	
	TJPS-G1551 (Normal flow)	IRAN/ASSALOUYEH/PETROCHEMICAL COMPANY/

This grade is high strength & high cycle polystyrene.

**Main Applications:**

Thin walled food Containers, Medical ware ( petri dishes etc), Office stationary, housewares, etc.

#### TECHNICAL SPECIFICATION

PROPERTIES	UNIT	VALUE	STANDARD
Tensile Strength (Yield)	(kg/cm <sup>2</sup> )	440	D-638
Tensile Modulus of Elasticity	(kg/cm <sup>2</sup> )	2.6×10 <sup>4</sup>	D-638
Izod Impact Strength (notched,t=6.4 mm)	(kg-cm/cm )	2.4	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 .