

General Purpose Polystyrene (GPPS)		
TYPICAL DATA SHEET		
	TJPS-G1551 (Normal flow)	

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 ²)	450	ASTM D-638
Tensile Modulus of Elasticity	(kg/cm ²)	2.6×10 ⁴	ASTM D-638
Izod Impact Strength (notched,t=4 mm)	(kg-cm/cm)	2.1	ISO-180-A
Vicat Softening Point (1000 g)	(°C)	91-100	ASTM D-1525
Melt Index (200°C , 5000 g)	(g/10 min)	8-12	ASTM 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 .**

