

INTRODUCTION OF PETROCHEMICAL PRODUCTS

GENERAL PURPOSE POLY STYRENE (GPPS)

G1551

GPPS / TAKHT E JAMSHID Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	1.04	g/cm ³	-----	ASTM D955
MFI	9	g/10 min	At 5Kg, 200°C	ASTM D1238
Tensile Strength at Yield	440	Kg/cm ²	-----	ASTM D638
Tensile Modulus of Elasticity	2.6 × 10 ⁴	Kg/cm ²	-----	ASTM D638
Izod Impact Strength	2.4	Kg-cm/cm	Notched, t=6.4 mm	ASTM D526
Vicat Softeing Point	92	°C	50 °C/hr 1kg	ASTM D1525

- Manufacturer: Takht e Jamshid Pet.co.
- Application: Thin walled food containers, medical ware (petri dishes etc), office stationary, housewares, etc.
- Process: Extrusion, Injection Molding.
- Features: this grade is high strength & high cycle polystyrene.

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