

# INTRODUCTION OF PETROCHEMICAL PRODUCTS

## GENERAL PURPOSE POLY STYRENE (GPPS)

# G1161

GPPS / TAKHT E JAMSHID Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	1.04	g/cm <sup>3</sup>	-----	ASTM D955
MFI	4	g/10 min	At 5Kg, 200°C	ASTM D1238
Tensile Strength at Yield	520	Kg/cm <sup>2</sup>	-----	ASTM D638
Tensile Modulus of Elasticity	2.7 × 10 <sup>4</sup>	Kg/cm <sup>2</sup>	-----	ASTM D638
Izod Impact Strength	2.2	Kg-cm/cm	Notched, t=6.4 mm	ASTM D526
Vicat Softeing Point	104	°C	50 °C/hr 1kg	ASTM D1525

- Manufacturer: Takht e Jamshid Pet.co.
- Application: Parts for home electrical appliances (nameplates, transparent display covers for VTR,etc.) office stationary, foamed PS, etc.
- Process: Extrusion, Injection Molding.
- Features: this grade is high heat for ps foam.

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