

## Total 965E Polystyrene (discontinued \*\*)

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Impact Modified

**Material Notes:**

Polystyrene 965E is a high-impact polystyrene. The extruder will see that 965E produces sheet with a dull matte finish and superior wetting tension to meet the printers needs.965E is specially designed for lithographic printing sheet.Information provided by Total Petrochemicals, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Total-965E-Polystyrene-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Total-965E-Polystyrene-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Melt Flow	2.0 g/10 min @Load 5.00 kg, Temperature 200 °C	2.0 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.2 MPa	3800 psi	ASTM D638
Elongation at Yield	45 %	45 %	ASTM D638
Tensile Modulus	1.79 GPa	260 ksi	ASTM D638
Flexural Strength	49.6 MPa	7200 psi	ASTM D790
Flexural Modulus	1.86 GPa	270 ksi	ASTM D790
Izod Impact, Notched	1.01 J/cm	1.90 ft-lb/in	ASTM D256
Falling Dart Impact	9.04 J	6.67 ft-lb	ASTM D3029

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	97.8 °C	208 °F	Heat Distortion, Annealed; ASTM D648
Vicat Softening Point	102 °C	216 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Gloss	52 %	52 %	60°; ASTM D523

## Contact Songhan Plastic Technology Co.,Ltd.

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