

## Product Data Sheet

G1551- Normal flow  
 General purpose polystyrene

This grad is high strength and high cycle polystyrene.

### Applications:

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

| PROPERTY                                    | 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<br>( notch, t= 6.4 mm) | Kgcm/cm            | 2.4                 | D-256    |
| Vicat Softening Point<br>(50°C/hr, 1000g)   | °C                 | 92                  | D-1525   |
| Melt Index (200°C, 5000g)                   | 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.