POLYMY
MEETING EXCELLENCE

# TECHNICAL DATASHEET

## GPPS 1540 COMPOUND

**Analysis:**

| Typical Properties | Method | Value | Unit |
|---|---|---|---|
| MFI (200˚C/5kg) | ASTM D 1238 | 11 | g/10 min |
| Styrene Residual Monomer | CLGLABPSG004 (ATOFINATEST METHOD) | <500 | PPM |
| Vicat Softening Point | ASTM D 1525 | Min89.5 | ˚C |
| Rockwell Hardness | ASTM D 785 | Scale | - |
| Tensile Strength @ Yield | ASTM D 638 | - | MPa |
| Tensile Strength @ Break | ASTM D 638 | 45 | MPa |
| Elongation @ Break | ASTM D 638 | 2 | % |
| Flexural Modulus | ASTM D 790 | 3000 | MPa |
| Tensile Modulus | ASTM D 638 | 3100 | - |
| Refractive Index | ISO Method | 1.591 | - |
| Water Absorption | ASTM D 570 | <0.1 | % |