

PGPC-1012

PC

Persian Gulf Petrochemical Industry Commercial Co.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------------|----------------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 11.1 | g/10min | ASTM D 1238 |
| Temperature | 300 | °C | - |
| Load | 1.2 | kg | - |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Modulus | 2200 | MPa | ASTM D 638 |
| Tensile Strength at Yield | 60 | MPa | ASTM D 638 |
| Elongation at Break | 90 | % | ASTM D 638 |
| Thermal properties | | | |
| ASTM Data | | | |
| Vicat Temperature | 144 | °C | ASTM D 1525 |
| Electrical properties | | | |
| ASTM Data | | | |
| Dielectric Strength, Short Time | 20 | kV/mm | ASTM D 149 |
| Optical properties | | | |
| ASTM Data | | | |
| Light Transmittance | 80 | % | ASTM D 1003 |
| Other properties | | | |
| Density | 1200 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Injection Molding, Sheet Extrusion, Wire/Cable Extrusion, Other Extrusion

Regional Availability

Near East/Africa

Applications

Automotive, IT / Business Machine, Electrical and Electronical, Packaging, Sports Equipment