

**FORMPOLY PPOGP30**

PPO

Formulated Polymers Limited

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--|--------------|-------------|----------------------|
| <b>ASTM Data</b>                           |              |             |                      |
| Mold Shrinkage, MD                         | <b>0.006</b> | mm/mm       | ASTM D 955           |

| <b>Mechanical properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|------------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>             |              |             |                      |
| Tensile Strength             | <b>45</b>    | MPa         | ASTM D 638           |
| Elongation at Break          | <b>50</b>    | %           | ASTM D 638           |
| Flexural Modulus             | <b>2500</b>  | MPa         | ASTM D 790           |
| Flexural Strength            | <b>90</b>    | MPa         | ASTM D 790           |
| Izod Impact notched, 1/8 in  | <b>275</b>   | J/m         | ASTM D 256           |

| <b>Thermal properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|---------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>          |              |             |                      |
| DTUL @ 264 psi            | <b>100</b>   | °C          | ASTM D 648           |
| Vicat Temperature         | <b>120</b>   | °C          | ASTM D 1525          |

| <b>Other properties</b>       | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------------|--------------|-------------------|----------------------|
| Water Absorption, Equilibrium | <b>0.07</b>  | %                 | ASTM D 570           |
| Density                       | <b>1060</b>  | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Processing**

Profile Extrusion, Sheet Extrusion

**Features**

Low Odor

**Delivery form**

Pellets

**Applications**

Automotive

**Special Characteristics**

High impact or impact modified

**Regional Availability**

Asia Pacific