

**ISOPLAS P471**

PE

MICROPOL - Stamford Products Limited

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>0.3</b>	g/10min	ISO 1133
Temperature	<b>190</b>	°C	-
Load	<b>5</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>780</b>	MPa	ASTM D 638
Tensile Strength at Yield	<b>22</b>	MPa	ASTM D 638
Elongation at Break	<b>200</b>	%	ASTM D 638

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	<b>130</b>	E-6/K	ASTM D 696
Vicat Temperature	<b>126</b>	°C	ASTM D 1525

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>945</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Regional Availability**

Europe