

**Fitex PPS Resin**

PPS

Kotec Corporation

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Break	<b>160</b>	MPa	ASTM D 638
Elongation at Break	<b>1.9</b>	%	ASTM D 638
Flexural Modulus	<b>13200</b>	MPa	ASTM D 790
Flexural Strength	<b>230</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 123</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>100</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>0.75</b>	mm	-

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Dielectric Constant, 1 MHz	<b>4</b>	-	ASTM D 150
Volume Resistivity	<b>&gt;1E15</b>	Ohm*cm	ASTM D 257

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water Absorption, 24hr	<b>0.02</b>	%	ASTM D 570
Density	<b>1660</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Pellets

**Regional Availability**

Europe, Asia Pacific