

**G-PAEK™ 1215TFP**  
(PEK+PTFE)

Gharda Plastics Limited

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.015</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 Modulus	<b>704</b>	MPa	ASTM D 638
Tensile Strength	<b>13</b>	MPa	ASTM D 638
Elongation at Break	<b>20</b>	%	ASTM D 638
Compressive Strength	<b>23</b>	MPa	ASTM D 695
Flexural Modulus	<b>800</b>	MPa	ASTM D 790
Flexural Strength	<b>12</b>	MPa	ASTM D 790
Shore D Hardness	<b>65</b>	-	ASTM D 2240
Izod Impact notched, 1/8 in	<b>30</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

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1900</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics**

**Special Characteristics**

Flame retardant, Heat stabilized or stable to heat

**Features**

Low Smoke, Tribologic Grade

**Chemical Resistance**

Acid Resistance, Alkali Resistance, General Chemical Resistance

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa