

**GAPEKK 3400G**

PEKK

Gharda Plastics Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.011	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.012	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Modulus	4000	MPa	ASTM D 638
Tensile Strength	70	MPa	ASTM D 638
Elongation at Break	3.5	%	ASTM D 638
Flexural Modulus	4300	MPa	ASTM D 790
Flexural Strength	170	MPa	ASTM D 790
Shore D Hardness	88	-	ASTM D 2240
Izod Impact notched, 1/8 in	20	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	N	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 264 psi	171	°C	ASTM D 648
Melting Temperature	396	°C	ASTM D 3418
Glass Transition Temperature	160	°C	ASTM E 1356
<b>Other properties</b>			
Density	1310	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Coating

**Special Characteristics**

Heat stabilized or stable to heat

**Features**

Creep Resistance

**Chemical Resistance**

Oil Resistance, Radiation Resistance

**Applications**

Automotive, Electrical and Electronical, Medical

**Regional Availability**

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