

**LNP™ THERMOCOMP™ Compound IF004 - Asia**

PA612-GF20

Saudi Basic Industries Corporation (SABIC)

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.4</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>5900</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>123</b>	MPa	ASTM D 638
Elongation at Break	<b>3.6</b>	%	ASTM D 638
Flexural Modulus	<b>5660</b>	MPa	ASTM D 790
Flexural Strength	<b>186</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>74</b>	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	<b>823</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>196</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1220</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Asia Pacific