

**LNP™ THERMOCOMP™ Compound AF006XXZ - Europe**

ABS-GF30

Saudi Basic Industries Corporation (SABIC)

**Product Texts**

LNP THERMOCOMP AF006XXZ compound is based on Acrylonitrile Butadiene Styrene (ABS) resin containing 30% glass fiber.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Stress at break	<b>82</b>	MPa	ISO 527
Strain at break	<b>1.4</b>	%	ISO 527
Flexural modulus	<b>6300</b>	MPa	ISO 178
Izod impact strength, +23°C, 4mm	<b>20</b>	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C, 4mm	<b>7</b>	kJ/m <sup>2</sup>	ISO 180/1A

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>102</b>	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	<b>23</b>	E-6/K	ISO 11359-1/-2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1260</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe