

**LNP™ THERMOCOMP™ Compound ZF006 - Americas**

(PPE+PS)-GF30

Saudi Basic Industries Corporation (SABIC)

**Product Texts**

LNP THERMOCOMP ZF006 compound is based on Polyphenylene Ether / Polystyrene (PPE/PS) blend containing 30% glass fiber.

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.4	mm/mm	ASTM D 955

**Mechanical properties**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
Flexural Modulus	8630	MPa	ASTM D 790
Izod Impact notched, 1/8 in	114	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	480	J/m	ASTM D 256

**Thermal properties**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 264 psi	135	°C	ASTM D 648

**Other properties**

	Value	Unit	Test Standard
Density	1310	kg/m <sup>3</sup>	ASTM D 792

**Processing Recommendation Injection Molding**

	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Melt temperature	300 - 305	°C	-
Mold temperature	80 - 110	°C	-
Zone 1	275 - 290	°C	-
Zone 2	290 - 300	°C	-
Zone 3	300 - 310	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.2 - 0.3	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America