

**Terblend® N NG-06EF SL**

(ABS+PA\*)-GF30

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	12	cm <sup>3</sup> /10min	ISO 1133
Temperature	240	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	93	MPa	ISO 527
Yield strain	4	%	ISO 527
Flexural modulus, 23°C	5760	MPa	ISO 178
Flexural strength	130	MPa	ISO 178
Charpy impact strength, +23°C	57	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	55	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	14	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	8	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	135 <sup>[ann.]</sup>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	197 <sup>[ann.]</sup>	°C	ISO 75-1/-2
Vicat softening temperature, A	210	°C	ISO 306
Vicat softening temperature, B	135	°C	ISO 306

ann.: annealed

Other properties	Value	Unit	Test Standard
Density	1290	kg/m <sup>3</sup>	ISO 1183
Bulk density	600	kg/m <sup>3</sup>	-
Water Absorption, Equilibrium	3.8	%	ASTM D 570

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Time	4	h	-
Melt temperature	240 - 270	°C	-
Mold temperature	80	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets

**Features**

Chemically Coupled Reinforcement

**Regional Availability**

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