

Terblend® N NG-04EF SL

(ABS+PA*)-GF20

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	30	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	78	MPa	ISO 527
Yield strain	4	%	ISO 527
Flexural modulus, 23°C	4180	MPa	ISO 178
Flexural strength	109	MPa	ISO 178
Charpy impact strength, +23°C	53	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	51	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	8	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	108 ^[ann.]	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	190 ^[ann.]	°C	ISO 75-1/-2
Vicat softening temperature, A	195	°C	ISO 306
Vicat softening temperature, B	125	°C	ISO 306

ann.: annealed

Other properties	Value	Unit	Test Standard
Density	1220	kg/m ³	ISO 1183
Bulk density	600	kg/m ³	-
Water Absorption, Equilibrium	4.4	%	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

Special Characteristics

U.V. stabilized or stable to weather

Regional Availability

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