

# Terblend® N NM-21 EF (Cond)

Polyamide 6 + ABS

BASF Corporation

## Product Description

Terblend® N NM-21 EF is an UV stabilised ABS/PA-Blend providing very high impact strength, even at low temperatures. The enhanced flowability enables excellent processability and surface appearance.

## General

Material Status	• Commercial: Active		
Availability	• Europe		
Additive	• UV Stabilizer		
Features	• Good Flow • Good Processability	• Good Surface Finish • High Impact Resistance	• Low Temperature Impact Resistance
Forms	• Pellets		
Processing Method	• Extrusion	• Injection Molding	

Mechanical	Nominal Value	Unit	Test Method
Tensile modulus	1100	MPa	ISO 527-2 <sup>2</sup>
Tensile Stress (Yield)	30.0	MPa	ISO 527-2 <sup>2</sup>
Tensile Strain (Yield)	13	%	ISO 527-2 <sup>2</sup>
Nominal strain at break	200	%	ISO 527-2 <sup>2</sup>

Impact	Nominal Value	Unit	Test Method
Charpy notched impact strength			ISO 179/1eA <sup>2</sup>
-30°C	10.0	kJ/m <sup>2</sup>	
23°C	85.0	kJ/m <sup>2</sup>	
Charpy impact strength			ISO 179/1eU <sup>2</sup>
-30°C	No Break		
23°C	No Break		
Notched Izod Impact Strength			ISO 180/A
-30°C	9.00	kJ/m <sup>2</sup>	
23°C	80.0	kJ/m <sup>2</sup>	

Electrical	Nominal Value	Unit	Test Method
Volume resistivity	1.0E+11	ohm·m	IEC 60093 <sup>2</sup>
Relative Permittivity (1 MHz)	3.80		IEC 60250 <sup>2</sup>
Dissipation Factor (1 MHz)	0.090		IEC 60250 <sup>2</sup>

## Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

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