

Terblend® N NM-13

Polyamide 6 + ABS

BASF Corporation

Product Description

Terblend N NM-13 is a new experimental ABS/PA6-Blend with improved impact strength at low temperatures. It can be easily processed on any standard injection molding machine.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• High Impact Resistance
Agency Ratings	• ULC Unspecified Rating
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Injection Molding

Physical	Nominal Value	Unit	Test Method
Melt volume-flow rate (240°C/10.0 kg)	13.0	cm ³ /10min	ISO 1133 ²

Mechanical	Nominal Value	Unit	Test Method
Tensile modulus	1600	MPa	ISO 527-2 ²
Tensile Stress (Yield)	35.0	MPa	ISO 527-2 ²
Nominal strain at break	> 50	%	ISO 527-2 ²

Impact	Nominal Value	Unit	Test Method
Charpy notched impact strength			ISO 179/1eA ²
-30°C	55.0	kJ/m ²	
23°C	80.0	kJ/m ²	

Notes

¹ Typical properties: these are not to be construed as specifications.

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

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