

# LNP™ VERTON™ NV003E compound

Polycarbonate + ABS

SABIC Innovative Plastics

## Message:

LNP VERTON NV003E is a compound based on PC+ABS Blend resin containing Long Glass Fiber. Added features of this material include: Easy Molding.

Also known as: LNP\* VERTON\* Compound PCA-F-7003 EM

Product reorder name: NV003E

General Information			
Filler / Reinforcement	Long glass fiber		
Features	Good formability		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5770	MPa	ISO 527-2/1
Tensile Stress (Break)	112	MPa	ISO 527-2
Tensile Strain (Break)	2.5	%	ISO 527-2
Flexural Modulus	5680	MPa	ISO 178
Flexural Stress	162	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact <sup>1</sup>			ISO 180/1A
-40°C	23	kJ/m <sup>2</sup>	ISO 180/1A
23°C	21	kJ/m <sup>2</sup>	ISO 180/1A
Instrumented Dart Impact (23°C, Energy at Peak Load)	18.5	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature <sup>2</sup> (1.8 MPa, Unannealed, 64.0 mm Span)	136	°C	ISO 75-2/Af
NOTE			
1.	80*10*4		
2.	80*10*4 mm		

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## Recommended distributors for this material

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