

Technical Data Sheet

# Normapren VGF 003/1 Black

Thermoplastic Vulcanizate  
 LyondellBasell Industries  
 Engineering Plastics

**Product Description**

TPV compound for injection molding

**General**

Processing Method • Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.992	0.990 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/5.0 Kg)	1.0 g/10 min	1.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength	972 psi	6.70 MPa	ASTM D638
Tensile Elongation (Break)	460 %	460 %	ASTM D638
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tear Strength <sup>1</sup>	171 lbf/in	30.0 kN/m	ASTM D624
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A, 15 Sec)	80	80	ASTM D2240

**Additional Information**

- 1.) Not for use in food contact applications
- 2.) Not for use in medical or pharmaceutical applications

**Notes**

<sup>1</sup> Die C

**Notes**

These are typical property values not to be construed as specification limits.