



# NOVALAST® 5001

NOVA Polymers, Inc. - Thermoplastic Vulcanizate

## General Information

### General

Features	• Chemical Resistant	• Good Colorability	
Forms	• Pellets		
Processing Method	• Blow Molding	• Extrusion	• Injection Molding

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.967		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	720	psi	ASTM D412
Tensile Elongation (Break)	360	%	ASTM D412
Tear Strength <sup>2</sup>	118	lbf/in	ASTM D624
Compression Set			ASTM D395
77°F, 22 hr	21	%	
158°F, 22 hr	36	%	
212°F, 22 hr	43	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	50		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-50.0	°F	ASTM D746

## Processing Information

Injection	Nominal Value	Unit
Processing (Melt) Temp	385 to 450	°F

### Notes

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

<sup>2</sup> Die C