

NOVALAST® 8001

NOVA Polymers, Inc. - Thermoplastic Vulcanizate

General Information

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.965		ASTM D792
Molding Shrinkage - Flow (0.125 in)	0.015 to 0.020	in/in	ASTM D955
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	1650	psi	ASTM D412
Tensile Elongation (Break)	590	%	ASTM D412
Tear Strength ²	242	lbf/in	ASTM D624
Compression Set			ASTM D395
77°F, 22 hr	30	%	
158°F, 22 hr	44	%	
212°F, 22 hr	55	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	80		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-50.0	°F	ASTM D746

Additional Information

Continuous Service temperature: 200°C

Processing Information

Injection	Nominal Value	Unit
Processing (Melt) Temp	390	°F

Notes

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

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