

NOVALAST® 8001

Thermoplastic Vulcanizate

NOVA Polymers, Inc.

Message:

NOVALAST®8001 is a thermoplastic vulcanized rubber (TPV) material. This product is available in North America and is processed by blow molding, extrusion or injection molding. NOVALAST®The main characteristics of the 8001 are: chemical resistance.

General Information

Features	Good coloring
	Good chemical resistance
Forms	Particle
Processing Method	Blow molding
	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
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Specific Gravity	0.963	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.5 - 2.0	%	ASTM D955

Hardness	Nominal Value	Unit	Test Method
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Durometer Hardness (Shore A, 15 sec)	80		ASTM D2240
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Elastomers	Nominal Value	Unit	Test Method
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Tensile Strength (Break)	11.4	MPa	ASTM D412
Tensile Elongation (Break)	590	%	ASTM D412
Tear Strength ¹	42.4	kN/m	ASTM D624
Compression Set			ASTM D395
25°C, 22 hr	30	%	ASTM D395
70°C, 22 hr	44	%	ASTM D395
100°C, 22 hr	55	%	ASTM D395

Thermal	Nominal Value	Unit	Test Method
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Brittleness Temperature	-45.6	°C	ASTM D746
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Additional Information

Continuous Service temperature: 200°C

Injection	Nominal Value	Unit
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Processing (Melt) Temp	199	°C
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NOTE

1. C mould

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Recommended distributors for this material

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