

NOVALAST® 5001

Thermoplastic Vulcanizate

NOVA Polymers, Inc.

Message:

NOVALAST® 5001 is a Thermoplastic Vulcanizate (TPV) material. It is available in North America for blow molding, extrusion, or injection molding. Primary attribute of NOVALAST® 5001: Chemical Resistant.

General Information			
Features	Good Chemical Resistance		
	Good Colorability		
Forms	Pellets		
Processing Method	Blow Molding		
	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.965	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	50		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	4.96	MPa	ASTM D412
Tensile Elongation (Break)	360	%	ASTM D412
Tear Strength ¹	20.7	kN/m	ASTM D624
Compression Set			ASTM D395
25°C, 22 hr	21	%	
70°C, 22 hr	36	%	
100°C, 22 hr	43	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-45.6	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	196 to 232	°C	
NOTE			
1.	Die C		

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Recommended distributors for this material

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