

NOVALAST® 4001

NOVA Polymers, Inc. - Thermoplastic Elastomer

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	0.951		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	515	psi	ASTM D412
Tensile Elongation (Break)	280	%	ASTM D412
Tear Strength ²	117	lbf/in	ASTM D624
Compression Set			ASTM D395
77°F, 22 hr	20	%	
158°F, 22 hr	34	%	
212°F, 22 hr	41	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	45		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-40.0	°F	ASTM D746

Processing Information

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

Notes

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

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