

NOVALAST® D51

NOVA Polymers, Inc. - Thermoplastic Vulcanizate

General Information

General

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

Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.957		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2600	psi	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
Tear Strength ²	488	lbf/in	ASTM D624
Compression Set			ASTM D395
77°F, 22 hr	51	%	
158°F, 22 hr	63	%	
212°F, 22 hr	52	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	50		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-40.0	°F	ASTM D746

Processing Information

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

Notes

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

² Die C