

NOVALAST® D51

Thermoplastic Vulcanizate

NOVA Polymers, Inc.

Message:

NOVALAST® D51 is a Thermoplastic Vulcanizate (TPV) material. It is available in North America for blow molding, extrusion, or injection molding. Primary attribute of NOVALAST® D51: Chemical Resistant.

General Information			
UL YellowCard	E143392-531919		
Features	Good Chemical Resistance		
	Good Colorability		
Forms	Pellets		
Processing Method	Blow Molding		
	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.955	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	50		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	17.9	MPa	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
Tear Strength ¹	85.5	kN/m	ASTM D624
Compression Set			ASTM D395
25°C, 22 hr	51	%	
70°C, 22 hr	63	%	
100°C, 22 hr	52	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-40.0	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	199	°C	
NOTE			
1.	Die C		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

