

Viprene™ P45D-22U-BLK

Thermoplastic Vulcanizate

Alliance Polymers & Services

Message:

Viprene™ P45D-22U-BLK is a UV and Heat Stabilized TPV (thermoplastic vulcanizate elastomer). This material can be easily procesed by extrusion or injection molding. It exhibits easy flowing characteristics.

General Information			
Additive	Heat Stabilizer		
	UV Stabilizer		
Features	Good Flow		
	Good UV Resistance		
	Heat Stabilized		
Appearance	Black		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm³	ISO 2781
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore A	95		
Shore D	45		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 37
100% Strain	8.60	MPa	
300% Strain	11.8	MPa	
Tensile Stress (Break)	15.5	MPa	ISO 37
Tensile Elongation (Break)	500	%	ISO 37
Tear Strength	90	kN/m	ISO 34-1
Compression Set (70°C, 22 hr)	40	%	ASTM D395B
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-60.0	°C	ASTM D746
Flammability	Nominal Value	Test Method	
Flame Rating			UL 94
1.00 mm	HB		
1.50 mm	HB		

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Recommended distributors for this material

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