Viprene™ P40D-22U-BLK

Thermoplastic Vulcanizate

Alliance Polymers & Services

Message:

Viprene™ P4OD-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	92		
Shore D	40		

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 37
100% Strain	8.00	MPa	
300% Strain	10.8	MPa	
Tensile Stress (Break)	15.0	MPa	ISO 37
Tensile Elongation (Break)	500	%	ISO 37
Tear Strength	88	kN/m	ISO 34-1
Compression Set (70°C, 22 hr)	38	%	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		

3.00 mm   HB

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