

Vi-Chem PVC VNC90-30I

Polyvinyl Chloride
Vi-Chem Corporation

Message:
Vi-Chem PVC VNC90-30I is a Polyvinyl Chloride material. It is available in North America.
Typical application of Vi-Chem PVC VNC90-30I: Automotive

General Information			
Features	Fungus Resistant		
	Sulfide Stain Resistant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792A, ISO 1183/A
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	89		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	12.4	MPa	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹	61	kN/m	ISO 34-1
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (80°C, 1000 hr)	2.2	%	ASTM D573
Change in Ultimate Elongation in Air (80°C, 1000 hr)	14	%	ASTM D573
Change in Mass in Air (80.0°C, 1000 hr)	-1.1	%	ASTM D573
Flammability	Nominal Value		Test Method
Burning Rate	Self Extinguish		FMVSS 302
Color Stability			
--	4 AATCC		ISO 188
--	4 AATCC		ASTM D573
Mandrel Bend	No cracks		FLTM BN 102-01
Paint Staining	No staining		ASTM D1712
Resistance to Sulfide - (Staining)	No Staining		ASTM D1712
Xenon Weatherometer ²	0.250(Black)		SAE J1960
NOTE			
1.	Method Ba, Angle (Unnicked)		
2.	2500 kj/m ² . Delta E		

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