

Vi-Chem PVC VNC107E

Polyvinyl Chloride
Vi-Chem Corporation

Message:

Vi-Chem PVC VNC107E is a Polyvinyl Chloride material filled with 15% filler. It is available in North America.
Typical application of Vi-Chem PVC VNC107E: Automotive

General Information			
Filler / Reinforcement	Filler, 15% Filler by Weight		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.28	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 15 sec)	58		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (Break)	22.9	MPa	ISO 37
Thermal	Nominal Value		Test Method
Cold Flexibility ² (-30°C)	No Cracks		GM 9503P
Florida Weathering - Delta E ³	0.620		ASTM G7
High Temperature Humidity Resistance	Pass		GM 9329P
Mixed Fungal Resistance	Pass		GM 9328P
Pink Stain	No Stains		GM 9303P
Volatile Loss (105°C)	1.3	%	ASTM D1203
Weather Resistance - Delta E ⁴	0.450		SAE J1960
NOTE			
1.	Type 1		
2.	Bent around 50 mm mandrel		
3.	2 years		
4.	2500 kJ/m ²		

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Recommended distributors for this material

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