

# Vi-Chem PVC VNC107I

Polyvinyl Chloride  
Vi-Chem Corporation

Message:

Vi-Chem PVC VNC107I is a Polyvinyl Chloride material filled with 15% filler. It is available in North America.

General Information			
Filler / Reinforcement	Filler, 15% Filler by Weight		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	48		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	16.6	MPa	ASTM D638
Thermal	Nominal Value		Test Method
Cold Flexibility <sup>1</sup> (-30°C)	Pass		GM 9503P
Florida Weathering - Delta E <sup>2</sup>	0.530		SAE J1976
High Temperature Humidity Resistance	Pass		GM 9329P
Mixed Fungal Resistance	Pass		GM 9329P
Pink Stain	Pass		GM 9303P
Volatile Loss <sup>3</sup> (105°C)	0.30	%	ASTM D1203
Xenon Arc - Delta E <sup>4</sup>	0.450		SAE J1960
NOTE			
1.	50 mm mandrel		
2.	1 yr		
3.	Method A		
4.	Exterior, 2500 kJ/m <sup>2</sup>		

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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



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