

Vi-Chem PVC VNC80-5I

Flexible Polyvinyl Chloride

Vi-Chem Corporation

Message:

Vi-Chem PVC VNC80-5I is a Flexible Polyvinyl Chloride material filled with 22% filler. It is available in North America.

General Information			
Filler / Reinforcement	Filler,22% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	82		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	10.1	MPa	ASTM D638
Thermal	Nominal Value		Test Method
Cold Flexibility (-30°C) ¹	No Cracks		GM 9503P
Florida Weathering			ASTM G7
deltaE ²	0.700		
Surface Defects ³	Pass		
Humidity Resistance	Pass		GM 9329P
Mixed Fungal Resistance	Pass		GM 9328P
Pink Stain	No Stain		GM 9303P
Volatile Loss (105°C)	1.3	%	ASTM D1203
Xenon Weatherometer ⁴			SAE J1960
deltaE	0.400		
Surface Defects	Pass		
NOTE			
1.	40 mm Mandrel		
2.	5° South, 24 months, Black		
3.	5° South, 24 months		
4.	2500 kJ/m ² , Blsck		

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Recommended distributors for this material

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