

Vi-Chem PVC VNC110E

Rigid Polyvinyl Chloride

Vi-Chem Corporation

Message:

Vi-Chem PVC VNC110E is a Rigid Polyvinyl Chloride material filled with 13% filler. It is available in North America for extrusion.

General Information			
Filler / Reinforcement	Filler, 13% Filler by Weight		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Humidity ¹	Pass		
Cold Flexibility (-30°C, 5.00 cm)	Pass		GM 9503P
Florida Weathering			
-- ²	Pass		
-- ³	0.530		
Fungal Resistance ⁴	Pass		
Volatile Loss (105°C, < 3.20 mm) ⁵	1.80		ASTM D1203
Xenon Weatherometer			
-- ⁶	Pass		
-- ⁷	0.650		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	54		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ⁸	22.0	MPa	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ⁹ (Yield)	22.0	MPa	ASTM D412A
NOTE			
1.	High temperature resistance, GM-9329P		
2.	2 years exposure to direct weather in Florida per ASTM G7, 5°, open rack, Surface Defects		
3.	2 years exposure to direct weather in Florida per ASTM G7, 5°, open rack, Color Change Measure color as defined in 2.3		
4.	GM-9328P		
5.	Method A		
6.	2500 kJ/m ² exposure to Exterior, SAE J1960-89 . Measure color as defined in 2.3, Surface defects		

7.	2500 kJ/m ² exposure to Exterior, SAE J1960-89 . Measure color as defined in 2.3
8.	Type IV, 500 mm/min
9.	Die C, 500 mm/min

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Recommended distributors for this material

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