

Vi-Chem PVC VNC 110I-7261

Rigid Polyvinyl Chloride

Vi-Chem Corporation

Message:

Vi-Chem PVC VNC 110I-7261 is a Rigid Polyvinyl Chloride material filled with 8.0% filler. It is available in North America for injection molding.

General Information			
Filler / Reinforcement	Filler,8.0% Filler by Weight		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm ³	ASTM D792
Humidity ¹	No tackiness		
Cold Flexibility (-20°C, 5.00 cm)	No cracks		GM 9503P
Florida Weathering			
-- ²	No defects		
-- ³	1.64		
Fungal Resistance ⁴	No growth		
Pink Stain ⁵	No stain		
Volatile Loss (105°C, < 3.20 mm) ⁶	0.40	%	ASTM D1203
Xenon Weatherometer			
-- ⁷	No defects		
-- ⁸	0.940		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	53		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ⁹ (Yield)	18.8	MPa	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹⁰ (Yield)	18.8	MPa	ASTM D412A
NOTE			
1.	High temperature resistance, GM-9329P		
2.	2 yrs, ASTM G7, 5° south, Surface defects		
3.	2 yrs, ASTM G7, 5° south, Color Change		
4.	GM-9328P		
5.	GM-9303P		
6.	Method A		
7.	2500 kJ/m² exposure to Exterior Xenon Arc, SAE J1960-89, Surface defects		

8.	2500 kJ/m ² exposure to Exterior Xenon Arc, SAE J1960-89, Color changes
9.	Type IV, 500 mm/min
10.	Die C, 500 mm/min

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Recommended distributors for this material

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