

Vi-Chem PVC VNC75I-7261

Flexible Polyvinyl Chloride

Vi-Chem Corporation

Message:

Vi-Chem PVC VNC75I-7261 is a Flexible Polyvinyl Chloride material. It is available in North America for injection molding.
Typical application of Vi-Chem PVC VNC75I-7261: Automotive

General Information			
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792A, ISO 1183/A
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec, 2.00 mm, Compression Molded)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (2.00 mm, Compression Molded)	11.5	MPa	ASTM D638
Tensile Elongation (Break, 2.00 mm, Compression Molded)	280	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹	42.3	kN/m	ASTM D624
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (80°C, 100 hr)	2.2	%	ASTM D573
Change in Ultimate Elongation in Air (80°C, 100 hr)	-9.9	%	ASTM D573
Change in Mass in Air (80.0°C, 100 hr)	1.1	%	ASTM D573
Thermal	Nominal Value		
Cold Flexibility (-30°C) ²	Pass		
Color Stability ³	4.00		Multiple Standards
Florida Weathering			
-- ⁴	> 1.64		
-- ⁵	> 0.850		
Stain Resistance			
-- ⁶	Pass		
-- ⁷	Pass		
Xenon Weatherometer ⁸	> 0.940		
NOTE			
1.	Compression molded, 2 mm		
2.	FLTM BN 102-01		
3.	ISO 188/ASTM D573, AATCC		

4.	12 months, FLTM BI 160-01, 5° South direct
5.	24 months, Delta E
6.	Paint, FLTM BP 153-01
7.	Hydrogen Sulfide, FLTM 102-01
8.	SAE J1960-89, 2500 kJ/m ² exposure, Delta E

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Recommended distributors for this material

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