

Vi-Chem PVC VNC80-30I

Flexible Polyvinyl Chloride

Vi-Chem Corporation

Message:

Vi-Chem PVC VNC80-30I is a Flexible Polyvinyl Chloride material. It is available in North America for injection molding.
Typical application of Vi-Chem PVC VNC80-30I: Automotive

General Information			
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792, ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	81		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 10.0	MPa	ASTM D638, ISO 527-2/2
Tensile Elongation (Break)	> 190	%	ASTM D638, ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tear Strength			
--	33.0	kN/m	ASTM D1004
--	> 33	kN/m	ISO 34-1
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air	< -12	%	ISO 188
Change in Ultimate Elongation in Air	< -12	%	ASTM D573
Additional Information	Nominal Value		Test Method
Fungal Resistance ¹	Pass		ASTM G21
Mandrel Bend (-30°C, 5.08 cm) ²	No cracks		
Stain Resistance			
-- ³	Pass		ASTM D1712
80°C ⁴	Pass		
NOTE			
1.	Mildew		
2.	CLP-463DD-07-01		
3.	Sulfide		
4.	Migration, 72 hrs, CLP 463DD-06-01		

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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

