

Vi-Chem PVC V143-80I-7673

Flexible Polyvinyl Chloride

Vi-Chem Corporation

Message:

Vi-Chem PVC V143-80I-7673 is a Flexible Polyvinyl Chloride material. It is available in North America for injection molding.

General Information			
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	76		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 10.9	MPa	ASTM D638
Tensile Elongation (Break)	> 690	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	38.0	kN/m	ASTM D624
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air	-1.0	%	ASTM D573
Change in Ultimate Elongation in Air	-10	%	ASTM D573
Change in Mass in Air	1.8	%	ASTM D573
Thermal	Nominal Value		
Cold Flexibility (-29°C) ¹	Pass		
Flammability	SE		ISO 3795
Color Stability ²	4.00 to 5.00		Multiple Standards
Odor Rating ³	1.00		
Stain Resistance			
-- ⁴	Pass		
-- ⁵	Pass		
NOTE			
1.	FLTM BN 2-1		
2.	ISO188, ASTM D573, AATCC		
3.	FLTM BO 131-01		
4.	Contact Migration, FLTM BN 3-1		
5.	Paint, FLTM BO 15-1		

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