

Vi-Chem PVC V143-80E

Flexible Polyvinyl Chloride

Vi-Chem Corporation

Message:

Vi-Chem PVC V143-80E is a Flexible Polyvinyl Chloride material. It is available in North America for extrusion.

General Information			
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	76		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	11.7	MPa	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹	51.0	kN/m	ASTM D624
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air	-6.0	%	ASTM D573
Change in Ultimate Elongation in Air	-8.0	%	ASTM D573
Change in Mass in Air	< 2.0	%	ASTM D573
Thermal	Nominal Value		
Cold Flexibility ²	Pass		
Flammability	SE		ISO 3795
Fogging ³	92.0		
Color Stability ⁴	4.00 to 5.00		Multiple Standards
Florida Weathering ⁵	4.00 to 5.00		
Odor Rating ⁶	< 2.00		
Soiling - and Cleanability ⁷	Pass		
Stain Resistance			
-- ⁸	No stain		
-- ⁹	Pass		
Xenon Weatherometer ¹⁰	4.00		
NOTE			
1.	50 mm/min		
2.	FLTM BN 2-1		
3.	FLTM BO 116-03		
4.	ISO 188/ASTM D573, AATC		
5.	FLTM B1160-01, AATC		

6.	FLTM BO 131-01
7.	FLTM BN 112-01
8.	Paint, FLTM BO 15-1
9.	Contact Migration, FLTM BN3
10.	Arc SAE J1885, AATC

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Recommended distributors for this material

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