

Vi-Chem PVC V143-90E

Polyvinyl Chloride
Vi-Chem Corporation

Message:
Vi-Chem PVC V143-90E is a Polyvinyl Chloride material. It is available in North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	87		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	19.8	MPa	ASTM D638
Tensile Elongation (Break)	340	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	63.0	kN/m	ASTM D624
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air	-15	%	ASTM D573
Change in Ultimate Elongation in Air	-25	%	ASTM D573
Change in Mass in Air	1.9	%	ASTM D573
Thermal	Nominal Value		
Cold Flexibility ¹ (-23°C)	Pass		
Flammability	SE		ISO 3795
Fogging	Fail (Droplets)		SAE J1756
Color Stability ²	Rating 5		ISO 188
Contact Migration Staining ³	Pass		
Odor ⁴	2		
NOTE			
1.	FLTM BN 102-01		
2.	AATCC Rating, ASTM D573		
3.	FLTM BP 153-01		
4.	FLTM BO 131-01		

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Recommended distributors for this material

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