

Vi-Chem PVC V143-90I

Polyvinyl Chloride
Vi-Chem Corporation

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

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	86		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	12.6	MPa	ASTM D638
Tensile Elongation (Break)	310	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	66.0	kN/m	ASTM D624
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air	2.5	%	ASTM D573
Change in Ultimate Elongation in Air	7.7	%	ASTM D573
Change in Mass in Air	1.5	%	ASTM D573
Thermal	Nominal Value		
Cold Flexibility (-23°C) ¹	No Cracks		
Flammability	SE		ISO 3795
Fogging	92.0		SAE J1756
Color Stability ²			
--	Rating 4-5		ISO 188
--	Rating 4-5		ASTM D573
Contact Migration Staining ³	Pass		
Odor ⁴	Rating 2		
Paint Staining ⁵	No Stain		
Soiling and Cleanability ⁶	Pass		
Xenon Arc ⁷	Rating 4-5		SAE J1885
NOTE			
1.	FLTM BN 102-01		
2.	AATCC Rating		
3.	FLTM BN 003-01		
4.	FLTM BO 131		
5.	FLTM BO 153-01		
6.	FLTM BN 112-08		

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Recommended distributors for this material

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