

Vi-Chem PVC V143-90E-8798

Flexible Polyvinyl Chloride

Vi-Chem Corporation

Message:

Vi-Chem PVC V143-90E-8798 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	1.35	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	12.5	MPa	ASTM D638
Tensile Elongation (Break)	210	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	57.0	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	Pass		
Flammability	SE		ISO 3795
Fogging ²	> 92.0		
Color Stability ³	4.00 to 5.00		Multiple Standards
Odor Rating ⁴	< 2.00		
Soiling - and Cleanability ⁵	Both Pass		
Stain Resistance			
-- ⁶	Pass		
-- ⁷	Pass		
Xenon Weatherometer ⁸	0.740		
NOTE			
1.	FLTM BN 2-1		
2.	FLTM BO 112-03		
3.	ISO 188/ASTM D573, AATCC		
4.	FLTM BO 131-01		
5.	FLTM BN 112-01		
6.	Contact Migration, FLTM BN 3-1		

7.	Paint, FLTM BO 15-1
8.	Interior Xenon SAE J1885, 601.6kJ/m ²

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Recommended distributors for this material

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