

Vi-Chem PVC V141-70I

Polyvinyl Chloride
Vi-Chem Corporation

Message:
Vi-Chem PVC V141-70I is a Polyvinyl Chloride material. It is available in North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792A
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	9.40	MPa	ASTM D638
Tensile Elongation (Break)	320	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ²	30.0	kN/m	ASTM D624
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (85°C, 1000 hr)	-3.0	%	ASTM D573
Change in Ultimate Elongation in Air (85°C, 1000 hr)	-4.0	%	ASTM D573
Change in Mass in Air (85.0°C, 1000 hr)	0.67	%	ASTM D573
Thermal	Nominal Value		
Cold Flexibility ³ (-34°C)	No Cracking		
Fogging ⁴	83	%	
Odor ⁵	Rating 2AATCC		
Paint Staining ⁶	No staining or surface change		
Soiling and Cleanability ⁷	Rating 1AATCC		
Flammability	Nominal Value	Unit	Test Method
Burning Rate ⁸	39	mm/min	ISO 3795
NOTE			
1.	500 mm/min		
2.	Die C		
3.	FLTM GN 102-01A		
4.	FLTM BO 116-03		
5.	FLTM BO 131-01		
6.	FLTM BN 003-01		
7.	FLTM BN112-010		
8.	SE		

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Recommended distributors for this material

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