



Vi-Chem PVC V141-70I

MATERIAL STATUS Commercial: Active

AVAILABILITY North America

PHYSICAL	NOMINAL VALUE	UNIT	TEST METHOD
Density / Specific Gravity	1.30	g/cm ³	ASTM D792A
MECHANICAL	NOMINAL VALUE	UNIT	TEST METHOD
Tensile Strength ² (Break)	9.40	MPa	ASTM D638
Tensile Elongation (Break)	320	%	ASTM D638
ELASTOMERS	NOMINAL VALUE	UNIT	TEST METHOD
Tear Strength ³	30.0	kN/m	ASTM D624
HARDNESS	NOMINAL VALUE	UNIT	TEST METHOD
Durometer Hardness (Shore A)	65		ASTM D2240
THERMAL	NOMINAL VALUE	UNIT	TEST METHOD
Cold Flexibility (-34°C)	No Cracking		FLTM BN 102-01
AGING	NOMINAL VALUE	UNIT	TEST METHOD
Change in Tensile Strength in Air (85°C, 1000 hr)	-3.0	%	
Change in Ultimate Elongation in Air (85°C, 1000 hr)	-4.0	%	
Change in Mass in Air (85.0°C, 1000 hr)	0.67	%	
FLAMMABILITY	NOMINAL VALUE	UNIT	TEST METHOD
Burning Rate			
Self-Extinguishing	39	mm/min	FMVSS 302
Self-Extinguishing	39	mm/min	ISO 3795
ADDITIONAL INFORMATION	NOMINAL VALUE	UNIT	TEST METHOD
Fogging	83	%	FLTM BO 116-03
Odor Rating ⁴	2AATCC		
Paint Staining ⁵	No staining or surface change		
Soiling and Cleanability ⁶	1AATCC		

NOTES

¹ Typical properties: these are not to be construed as specifications.

² 500 mm/min

³ Die C

⁴ FLTM BO 131-01

⁵ FLTM BN 003-01

⁶ FLTM BN 102-01

