



Vi-Chem PVC V143-90E

MATERIAL STATUS Commercial: Active

AVAILABILITY North America

PHYSICAL	NOMINAL VALUE	UNIT	TEST METHOD
Density / Specific Gravity	1.37	g/cm ³	ASTM D792
MECHANICAL	NOMINAL VALUE	UNIT	TEST METHOD
Tensile Strength	22.4	MPa	ASTM D638
Tensile Elongation (Break)	200	%	ASTM D638
ELASTOMERS	NOMINAL VALUE	UNIT	TEST METHOD
Tear Strength ²	72.1	kN/m	ASTM D624
HARDNESS	NOMINAL VALUE	UNIT	TEST METHOD
Durometer Hardness (Shore A, 15 sec)	87		ASTM D2240
THERMAL	NOMINAL VALUE	UNIT	TEST METHOD
Cold Flexibility (-23°C)	No Cracks		FLTM BN 102-01
AGING	NOMINAL VALUE	UNIT	TEST METHOD
Change in Tensile Strength in Air	-15	%	
Change in Ultimate Elongation in Air	-25	%	
Change in Mass in Air	1.9	%	
FLAMMABILITY	NOMINAL VALUE	UNIT	TEST METHOD
Burning Rate (Self-Extinguishing)	100	mm/min	ISO 3795
ADDITIONAL INFORMATION	NOMINAL VALUE	UNIT	TEST METHOD
Color Stability			
--	5.00		ISO 188
--	5.00		ASTM D573
-- ³	5.00		
Contact Migration Staining ⁴	Pass		
Odor ⁵	2.00		
Paint Staining ⁶	No Stain		

NOTES

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

² 50 mm/min

³ AATCC

⁴ FLTM BN 003-01

⁵ FLTM BO 131-01

⁶ 3-01

