

Vi-Chem PVC V142-90I

Polyvinyl Chloride
Vi-Chem Corporation

Message:
Vi-Chem PVC V142-90I is a Polyvinyl Chloride material. It is available in North America.
Typical application of Vi-Chem PVC V142-90I: Automotive

General Information			
Uses	Automotive Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	43		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	14.3	MPa	ASTM D638, ISO 527-2/5
Tensile Elongation (Break)	210	%	ASTM D638, ISO 527-2/5A
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air	7.7	%	ISO 188
Change in Ultimate Elongation in Air	7.7	%	ASTM D573
Thermal	Nominal Value		
Cold Flexibility ¹ (-30°C)	Pass		
Flammability	SE		FMVSS 302
Fogging ²	86.8		
Odor	Pass		SAE J1351
Xenon Arc - Delta E ³	0.290		SAE J1885
NOTE			
1.	Mandrel Bend, 2.0 in diameter, LP-463DD-07-01		
2.	LP-463DB-12-01, Zone 1		
3.	601.6 kJ/m ²		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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