

Thermovin™ 170-H7

Polyvinyl Chloride
Vi-Chem Corporation

Message:

Thermovin™ 170-H7 is a Polyvinyl Chloride material. It is available in North America.
Typical application of Thermovin™ 170-H7: Automotive

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792, ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec, 6.00 mm)	65		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield ¹	12.8	MPa	ASTM D638
Yield	12.8	MPa	ISO 527-2/500
Tensile Elongation			
Break ²	380	%	ASTM D638
Break	380	%	ISO 527-2/500
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	31.0	kN/m	ASTM D1004
Compression Set (70°C, 22 hr)	44	%	ASTM D395
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air (80°C, 1000 hr)	11	%	ASTM D573, ISO 188
Flammability	Nominal Value	Unit	Test Method
Burning Rate	< 32	mm/min	FMVSS 302
Additional Information	Nominal Value	Test Method	
Fungal Resistance ³	No apparent fungus attack		ASTM G21
Mandrel Bend (180°C, 2.00 mm)	No cracks		
Plasticizer ⁴	Pass		
Stain Resistance			
-- ⁵	No stain		
-- ⁶	No stain		
NOTE			
1.	Type IV, 500 mm/min		
2.	Type IV, 500 mm/min		
3.	Mildew		
4.	Migration, CLP 463DD-6-01		

5.	Migratory, Method B
6.	Contact

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Recommended distributors for this material

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