

Thermovin™ 170 H8

Thermoplastic Vulcanizate

Vi-Chem Corporation

Message:

Thermovin™ 170 H8 is a Thermoplastic Vulcanizate (TPV) material filled with 12% mineral. It is available in North America for extrusion.
Typical application of Thermovin™ 170 H8: Automotive

General Information			
Filler / Reinforcement	Mineral, 12% Filler by Weight		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Humidity ¹	Pass		
Cold Flexibility (-30°C) ²	Pass		
Fungal Resistance ³	Pass		
Pink Stain ⁴	Pass		
Volatile Loss (105°C)	1.9	%	ASTM D1203
Xenon Weatherometer			
-- ⁵	Pass		
-- ⁶	0.0300		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	67		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ⁷ (Break)	11.2	MPa	ASTM D412A
Tensile Elongation ⁸ (Break)	360	%	ASTM D412A
Tear Strength ⁹	31.0	kN/m	ASTM D1004
Compression Set (70°C, 22 hr)	45	%	ASTM D395
NOTE			
1.	High temperature resistance, GM9329P		
2.	GM 9503P		
3.	GM 9328P		
4.	GM 9303P		
5.	2500 kJ/m ² Xenon Exposure per, SAE J1960-89 Exterior, surface defects		
6.	2500 kJ/m ² Xenon Exposure per, SAE J1960-89 Exterior, Color Change		
7.	Die C, 500 mm/min		
8.	Die C		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

