

# Vi-Chem PVC VSR87-80E

Rigid Polyvinyl Chloride

Vi-Chem Corporation

## Message:

Vi-Chem PVC VSR87-80E is a Rigid Polyvinyl Chloride material filled with 7.5% filler. It is available in North America for extrusion. Primary attribute of Vi-Chem PVC VSR87-80E: Rigid.

General Information			
Filler / Reinforcement	Filler,7.5% Filler by Weight		
Features	Medium Rigidity		
	Stain Resistant		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm <sup>3</sup>	ASTM D792
Humidity <sup>1</sup>	No Objectionable tackiness		
Cold Flexibility (-30°C, 4.00 cm)	No cracks		GM 9503P
Florida Weathering			
-- <sup>2</sup>	No objectionable defects		
-- <sup>3</sup>	1.05		
Fungal Resistance <sup>4</sup>	A ZOI and no growth		
Pink Stain <sup>5</sup>	No stain		
Volatile Loss (105°C) <sup>6</sup>	1.1	%	ASTM D1203
Xenon Weatherometer			
-- <sup>7</sup>	No objectionable defects		
-- <sup>8</sup>	0.450		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	35		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>9</sup> (Yield)	16.7	MPa	ASTM D638
NOTE			
1.	High temperature resistance, GM9329P		
2.	ASTM G7, 2yrs, Delta E, surface defects		
3.	ASTM G7, 2yrs, Delta E		
4.	GM9328P		
5.	GM9303P		
6.	Method A		

7.	SAE J1960, 2500kJ/m2, Delta E, surface defects
8.	SAE J1960, 2500kJ/m2, Delta E
9.	Type IV, 500 mm/min

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#### Recommended distributors for this material

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