

Vi-Chem PVC VSR87-80I

Rigid Polyvinyl Chloride

Vi-Chem Corporation

Message:

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

General Information			
Filler / Reinforcement	Filler,7.5% Filler by Weight		
Features	Medium Rigidity		
	Stain Resistant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm³	ASTM D792
Humidity ¹	No objectionable tackiness		
Cold Flexibility (-30°C, 4.00 cm)	No cracks		GM 9503P
Florida Weathering			
-- ²	No objectionable defects		
-- ³	1.05		
Fungal Resistance ⁴	A ZOI and no growth		
Pink Stain ⁵	No stain		
Volatile Loss (105°C) ⁶	1.1	%	ASTM D1203
Xenon Weatherometer			
-- ⁷	0.450		
-- ⁸	No objectionable defects		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	35		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ⁹ (Yield)	15.9	MPa	ASTM D638
NOTE			
1.	High temperature resistace, 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		

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

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Recommended distributors for this material

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