

Comtrex Flexible PVC® 97CF

Flexible Polyvinyl Chloride

Mitsubishi Chemical Performance Polymers, Inc.

Message:

COMTrex FLEXIBLE PVC 97CF is a Cadmium Free compound typically used in exterior trim applications. This compound is available in custom matched black and integral colors. Gloss level will depend on mold design and application.

Designed to meet General Motors Exterior specification GMP.PVC.015.

General Information			
Filler / Reinforcement	Filler, 15% Filler by Weight		
Features	Good Flexibility		
	Low (to None) Cadmium Content		
Uses	Automotive Exterior Trim		
Appearance	Black		
	Colors Available		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (15 sec)	47		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	20.3	MPa	ASTM D412A
Tensile Elongation ² (Break)	240	%	ASTM D412A
Thermal	Nominal Value		Test Method
Cold Flexibility (-30°C, 5.00 cm)	No Cracks		GM 9503P
Accelerated Weathering Duration ³	Delta E Acceptable. No objectionable defects		SAE J1960
High Temperature Humidity Resistance	No Objectionable Tackiness		GM 9329P
Mixed Fungal Resistance	A zone of inhibition and no fungal growth		GM 9328P
Pink Stain	No Stain		GM 9303P
Volatile Loss - Method A (105°C)	1.0	%	ASTM D1203
Weather Resistance ⁴	Delta E Acceptable. No objectionable defects		ASTM G7
NOTE			
1.	Die C, 500 mm/min		
2.	Die C, 500 mm/min		
3.	2500 kJ/m ² exposure to Exterior Xenon Arc Weather-ometer per SAE J1960.		
4.	2 years direct weather in Fla. per ASTM G7, 5° South, open rack		

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