

Comtrex Flexible PVC® 81XCF

Flexible Polyvinyl Chloride

Mitsubishi Chemical Performance Polymers, Inc.

Message:

COMTrex FLEXIBLE PVC 81XCF is a Cadmium Free Extrusion / Injection Molding grade compound typically used in interior trim moldings. 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 Interior specification GMP.PVC.037.

General Information	
Filler / Reinforcement	Filler, 12% Filler by Weight
Features	Good Flexibility
	Low (to None) Cadmium Content
Uses	Automotive Interior Trim
Appearance	Black
	Colors Available
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (15 sec)	83		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	17.0	MPa	ASTM D412A
Tensile Elongation ² (Break)	320	%	ASTM D412A
Thermal	Nominal Value		Test Method
Cold Flexibility (-30°C, 2.50 cm)	No Cracks		GM 9503P
Fogging - Dry Fog	83.0		GM 9305P
Color Fastness ³	Delta E Acceptable. No objectionable defects		SAE J1885
High Temperature Humidity Resistance	No Objectionable Tackiness		GM 9329P
Volatile Loss - 72 hours (79°C)	1.5	%	Internal Method

NOTE	
1.	Die C, 500 mm/min
2.	Die C, 500 mm/min
3.	601.6 kJ/m ² exp to Interior Xenon Weather-ometer per SAE J1885.

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Recommended distributors for this material

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