

# Comtrex Flexible PVC® 71XCF

Flexible Polyvinyl Chloride

Mitsubishi Chemical Performance Polymers, Inc.

## Message:

COMTrex FLEXIBLE PVC 71XCF is a Cadmium Free compound typically used in interior applications such as molding decorative covers for arm rest assemblies that require wear resistance. This compound is available in custom matched black and integral colors. Gloss level will depend on mold design and application.

Designed to meet Daimler Chrysler Corporation Material Standard MS-DC526.

General Information			
Features	Good Flexibility		
	Good Wear Resistance		
	Low (to None) Cadmium Content		
Uses	Automotive Interior Trim		
Appearance	Black		
	Colors Available		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness	64		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Break)	350	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	12.8	MPa	ASTM D412A
Tear Strength <sup>2</sup>	38.7	kN/m	ASTM D1004
Thermal	Nominal Value		Test Method
Cold Bend (-29°C, 2.50 cm)	Flexible, No Cracks		Internal Method
FMVSS Flammability	Self-Extinguishing (SE)		FMVSS 302
Accelerated Weathering Duration <sup>3</sup>	No objectionable change in color or gloss. No objectionable defects.		SAE J1885
Fog Test	Very Slight Fog		Internal Method
Hot/Cold Cycling - 24 hours			Internal Method
-29°C	No splitting, cracking, loss of appearance qualities, or physical properties		
79°C	No splitting, cracking, loss of appearance qualities, or physical properties		
Volatile Loss - 72 hours (79°C)	0.50	%	Internal Method
NOTE			
1.	Die C, 500 mm/min		
2.	50 mm/min		

3.

600 kJ/m<sup>2</sup> exposure to Interior  
Xenon Arc Weather-ometer per  
SAE J1885.

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#### Recommended distributors for this material

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