



185 South Broad Street  
Pawcatuck, CT 06379  
Phone: 860-599-5877  
Fax: 860-599-5461  
E-Mail: [customerservice@cablecomponents.com](mailto:customerservice@cablecomponents.com)

FluoroFoam® Masterbatch FEP Pellet Blend		Technical Data Sheet	
CC309-26CB-51 3P 3x1		Date of Origin:	4/26/2016
		Latest Revision:	11/2/2021

**Description:** Masterbatch (MBC) FluoroFoam® FEP chemically foamable fluoropolymer pellet blend available for wire and cable insulation material.

Material Property	Typical Values	Test Method
Dielectric Constant	2.1	ASTM D1531
Specific Gravity	2.20	ASTM D792
Melt Flow Rate (372 °C @ 5kg, g/10 min)	20-30	ASTM D2116
Melting Point (°C)	250~265	D.S.C
Chemical Resistance	Excellent	
Limiting Oxygen Index (%)	>95	ASTM D2863
Expansion Rate (%)	25-35	ASTM D792
Operating Temperature (°C)	200	
Extrusion Technique	Tube	
Smoke and Flame Retardation	Excellent	
REACH/RoHS Compliant	Yes	
NFPA 70 National Electric Code Plenum References	NFPA 262 (UL 910) CSA FT6	
UL Designation	UL Recognized Component Plenum Cable Compound (QMTM2.E324802)	
Standard Packaging	Up to 998kg Gaylords or 91kg Drums	

ASTM Test methods are listed for reference only. Actual testing performed according to modified equipment and conditions. Specific test methods available upon request. The data presented here is intended for product selection purposes only. Typical properties represent data characteristics of the product, but do not necessarily reflect minimum values during normal testing. Please consult CCG Customer Service for detailed specifications.