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FluoroFoam® Masterbatch PFA		Technical Data Sheet	
CC309-14CM-51 3P		Date of Origin:	3/26/2018
		Latest Revision:	11/2/2021

**Description:** Masterbatch (MBC) FluoroFoam® PFA chemically foamable fluoropolymer pellets available for wire and cable insulation and jacketing material. FluoroFoam® MBC foamable pellets are intended to be blended with PFA to achieve customer's desired expansion rate.

Material Property	Typical Values	Test Method
Dielectric Constant (100 MHz @ 23°C)	2.1	ASTM D1531
Specific Gravity	2.17	ASTM D792
Melt Flow Rate (372 °C @ 5kg, g/10 min)	10-25	ASTM D1238
Melting Point (°C)	310 °C	D.S.C
Chemical Resistance	Excellent	
Flexural Modulus	580-690 MPa 84100-100000 psi	ASTM D790
Hardness (Shore D)	65	ASTM D785
Limiting Oxygen Index (%)	95	ASTM D2863
Chemical Foaming Typical Value % Expansion	25%-35%	ASTM D792
Operating Temperature (°C)	250 °C	UL 444
Smoke and Flame Retardancy	Excellent	
REACH/RoHS Compliant	Yes	-
NFPA 70 National Electric Code Plenum References	NFPA 262 (UL 910) CSA FT6	-
Standard Packaging	1500 lb (680 kg) Gaylords or 200 lb (91 kg) 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.