

3M™ Dyneon™ Fluoroelastomer FC 2210

Features and Benefits

- Composition: di-polymer of vinylidene fluoride and hexafluoropropylene
- Ultra low viscosity fluoroelastomer without incorporated curatives
- Process targets: injection and transfer molding, extrusion, calendaring and coatings
- Viscosity modifier
- Process aid
- Masterbatch dispersions
- Amine or bisphenol curable

Note: Data in this document are not for specification purposes.

Typical Properties

Property	
Fluorine Content	66%
Specific Gravity	1.80
Color	Caramel
Solubility	Ketones and Esters
Viscosity (105°C, spindle #27, 18.7 grams, 5 rpm)	Approximately 20,000 centipoise

Product Description

3M™ Dyneon™ Fluoroelastomers FC 2210 can be incorporated into other fluoroelastomers using standard water cooled internal mixers or two-roll mills with standard fillers and ingredients utilized in typical fluoroelastomer applications.

Product Form

Dyneon FC 2210 is packaged in 55 pound boxes.

Safety/Toxicology

Follow recommended handling precautions for use of 3M fluoroelastomers. General handling precautions include: (1) Store and use all 3M fluoroelastomers only in well ventilated areas. (2) Do not smoke in areas contaminated with dust from 3M fluoroelastomers. (3) Avoid eye contact. (4) After handling 3M fluoroelastomers wash any contacted skin with soap and water.

Potential hazards, including evolution of toxic vapors, do exist during compounding or processing under high temperature conditions. Before processing 3M fluoroelastomers, consult the product MSDS (Material Safety Data Sheet) and follow all label directions and handling precautions. You should also read and follow all directions from other compound ingredient suppliers. Material Safety Data Sheets on 3M products are available from your 3M Sales Representative.

ISO 9001/QS-9000

All 3M fluoroelastomers are manufactured at ISO 9001 registered facilities. 3M fluoroelastomers produced in North America are manufactured at QS-9000 registered facilities.

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