

Cri-plastMP F-TPV 220 C Series

F-TPV: Fluoro-thermoplastic Vulcanizate

Cri-plastMP F-TPV compounds are a family of 220 C melt processable specialty compounds developed to meet a wide range of applications including Automotive, Wire & Cable, & Chemical Industry. Specific grades can be processed by extrusion and injection molding.

Special Features

- Thermoplastic processable
- Excellent flexibility, heat performance & chemical resistance
- Static Dissipative (if requested)
- Low permeation

Typical applications

- Wire & Cable
- Fuel and Chemical transfer
- Tubing/sheet/film

Typical Property Data

Compound	Cri-plastMP F-TPV (220 °C platform)				
	F-TPV-2401	F-TPV-2402	F-TPV-2403	F-TPV-2404	F-TPV-2405
Specific Gravity	1.87-1.90	1.87-1.90	1.87-1.90	1.87-1.90	1.87-1.90
Melting point (°C)	220	220	220	220	220
MFR (g/10min) 297°C, 5kgf	15	8	6.5	4	3.5
Hardness Shore-A	94	92	90	90	90
Fuel permeability, CE10, 60°C (g.mm/r)	4.5	5.3	7.5	12	20
Tensile modulus (MPa)	410	340	261	190	128
Tensile Strength (MPa)	32	24	17	15	11
Elongation at break (%)	325	350	370	365	360
Brittleness Temp for impact (°C)	<-50	<-50	<-50	<-50	<-50

Handling/Safety Information

- Be sure to read the notes on SDS and labels before use.
- This product is intended for general industry, and therefore its adequacy and safety as a raw material for medical purposes cannot be guaranteed.

Packaging

- 25 kg boxes