

Fluon® PTFE CD097E

Polytetrafluoroethylene

Asahi Glass Co., Ltd.

Message:

The E Series contains none of the PFOA compound (ammonium salt) used as a conventional PTFE polymerizable emulsifier. The CD Grade products are new, environmentally compatible PTFE fine powders offering all the characteristics of the conventional PTFE, without containing PFOA. The CD grade products can be used in seal tapes, stretch films, tubes, small diameter rods, electrical wire coatings, etc., by paste extrusion with an aid. The CD grade products are easily fibrillated by the application of shearing force. They can therefore be used as flame retardant additives to improve the melt tension of thermoplastic resin. Only very small amounts confer the flame retardant effects.

Applications:

Fine tubes

Electrical wire coatings

Characteristics:

High RR

Excellent transparency

General Information			
Additive	Flame Retardant		
Features	Copolymer		
	Flame Retardant		
	High Clarity		
Uses	Coating Applications		
	Electrical/Electronic Applications		
	Tubing		
	Wire & Cable Applications		
Forms	Powder		
Physical	Nominal Value	Unit	
Specific Gravity	2.18	g/cm ³	
Apparent Density	0.50	g/cm ³	
Additional Information	Nominal Value	Unit	Test Method
Extrusion Pressure ¹	0.900		Internal Method
Median Particle Size	550.0	μm	
Reduction Ratio	250 to 4000		
NOTE			

1. 20° die angle, 16% ISOPAR H, and
RR=1000

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