

# Fluon® PTFE CD145E

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:

Low density tapes

Characteristics:

Low RR

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Stretchability		
	Homopolymer		
	Low Density		
	Low Molecular Weight		
Uses	Electrical/Electronic Applications		
	Hose		
	Piping		
	Tape		
	Tubing		
Forms	Powder		
Physical	Nominal Value	Unit	
Specific Gravity	2.17	g/cm <sup>3</sup>	
Apparent Density	0.51	g/cm <sup>3</sup>	
Additional Information	Nominal Value	Unit	Test Method
Extrusion Pressure <sup>1</sup>	1.90		Internal Method
Median Particle Size	550.0	μm	
Reduction Ratio	50.0 to 500		
NOTE			

1.

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

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