

# Fluon® PTFE CD123E

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:

Electrical tapes

Pipes

Hoses

Characteristics:

High strength

Low RR

General Information			
Features	High molecular weight		
	High strength		
	Homopolymer		
	Good stretchability		
Uses	Strap		
	Electrical/Electronic Applications		
	Pipe		
	Piping system		
	Pipe fittings		
Forms	Powder		
Physical	Nominal Value	Unit	
Specific Gravity	2.16	g/cm <sup>3</sup>	
Apparent Density	0.55	g/cm <sup>3</sup>	
Additional Information	Nominal Value	Unit	Test Method
Extrusion Pressure <sup>1</sup>	2.30		Internal method
Median Particle Size	500.0	μm	
Reduction Ratio	25.0 - 300		
NOTE			

1.

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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

