

Algoflon® G10

Polytetrafluoroethylene
Solvay Specialty Polymers

Message:

Algoflon® G10 is a polytetrafluoroethylene (PTFE) virgin resin. This product has been developed as a PTFE resin for use in ASTM D4894-15, Type 1 applications. Algoflon® G10 is recommended for use in pyrotechnic applications.

General Information			
Features	Good chemical resistance		
Uses	Mixing		
	Additive		
Appearance	White		
Forms	Powder		
Processing Method	Compression molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.13 - 2.18		ASTM D4894
Average Particle Size	550	µm	ASTM D4894
Volume density	500	g/l	ASTM D4894
Elongation at break-minimum	150	%	ASTM D4894
Tensile strength-minimum	13.9	MPa	ASTM D4894
Additional Information			

Algoflon® G10 is classified as Type I Grade 1 resin in ASTM 04894, with the exception of Bulk Density.NOTE: The data listed above fall with in the normal range of product properties, but they should not be used to establish specification limits nor be used alone as the basis of design.SAFETY & HANDLINGAlgoflon® G10 should be handled like other Algoflon® PTFE resins. When PTFE resins are heated to temperatures above 420°C, minor amounts of decomposition products, which may be harmful, are given off. Avoid inhalation of these fumes. Ovens and process equipment should be vented and adequate ventilation provided in the working area.For further information refer to the Algoflon® PTFE Material Safety Data Sheet.

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Recommended distributors for this material

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