



TECHNICAL DATA SHEET

PSG-1 - Presintered Grade PTFE Resin

Composition by Weight % and Filler Description

100% Virgin Granular PTFE Resin

MECHANICAL PROPERTIES	TEST METHOD	UNITS	Typical Properties
Specific Gravity	ASTM D 4894	~	2.16 ± 0.02
Tensile Strength*	ASTM D 4894	Mpa	MIN 28
Elongation*	ASTM D 4894	%	MIN 250
Bulk Density	ASTM D 4894	g/l	400 - 600
Hardness	ASTM D2240	Shore D	58 ± 5
Average Particle Size	INTERNAL	µm	450 - 600
Dielectric Strength	ASTM D4894	KV/mm	60 MIN

General Application:

This grade is suitable for ram extrusion of Rods, Tubes, Profiles and other similar shapes.

Safety

This product is a fluoropolymer so normal precautions should be followed.

Technical Information

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