

# SRF Suspension PTFE Typical Properties

Sr. No.	Properties	Test Method	Unit	Bulk Grade	Fine-cut	Free flow
1.	Bulk density	ASTM D 4894	gm/ltr	500	370	700-800
2.	Average particle size (d50)	ASTM D 4894	µm	200	20-40	450-600
3.	Mould shrinkage (Linear)	ASTM D 4894	%	3.25 max.	4.0 max.	2.50 max.
4.	Std. specific gravity (SSG)	ASTM D 4894	-	2.15-2.20	2.155-2.160	2.155-2.160
5.	Melting points	ASTM D 4894	°C	342 (Initial) 327 (Final)	342 (Initial) 327 (Final)	342 (Initial) 327 (Final)
6.	Tensile strength	ASTM D 4894	MPa (psi)	30	35	30
7.	Elongation	ASTM D 4894	%	300	350	300
8.	Water content	ASTM D 4894	%	0.02 max.	0.02 max.	0.02 max.

*Values given above are just typical properties for reference only, and should not be considered as material quality specifications*

#### Corporate Office:

#### SRF Limited

Block C, Sector 45, Gurugram -122 003,  
Haryana, India.

**Tel.:** +91-124-4354400

**Email:** fp@srf.com

**Website:** www.srf.com

#### Convena Polymers

**Tel.:** +49 (0)40 3258 28-201

**Fax:** +49 (0)40 3258 28-210

**Email:** convena@delacamp.com

Exclusive distributor in Germany, Denmark,  
Finland, Norway, and Sweden