

Steel Fiber Batch- VIPHTelec SF



Functional batch for electrical conductivity modification and electromagnetic shielding in thermoplastics

Steel Fiber Batch- VIPHTelec SF

- Application Fields:
 - ESD-Protection (Protection against electrostatic charge)
 - EMI-Protection (Protection against electromagnetic induction)
 - EMI/ESD-Protection

Steel Fiber Batch- VIPHTelec SF

- Application Examples:
 - ESD-Protection



Castors for
office chairs



Pump housings



Housing for petrol filter

Steel Fiber Batch- VIPHTelec SF

- Application Examples:
 - EMI-Protection



Portable gas
detectors



Stationary gas
warning systems



Housing for oxygen
meter

Steel Fiber Batch- VIPHTelec SF

- Application Example:
 - EMI/ESD-Protection



Screen for GPS navigation system
in the car

Steel Fiber Batch- VIPHTelec SF

• Available Steel Fiber Grades

Our steel fibre grades are adapted for the use in different polymers.

			VIPHTelec Batch SF-EMA	VIPHTelec Batch SF-75T1	VIPHTelec Batch SF-75T2
Comoposition	SUS	Materials	304	304	304
		Dia.	11 μ m	11 μ m	11 μ m
		wt%	75%	75%	75%
	Sizing	Materials	Thermoplastic sizing agent	Thermoplastic sizing agent	Thermoplastic sizing agent
		wt%	10%	10%	10%
	Coating	Materials	Polyethylene(LDPE)	Polyarylethersulfone(PSU)	Polyamid (PA12)
		wt%	15%	15%	15%
Length			4mm ~10mm		
Processing Temp.			140~260℃	250~350℃	160~270℃
Applicable Resin			ABS / PP/ PVC/ TPE/TPU	PC, PC/ABS, PSU	PA6 /PA66

Steel Fiber Batch- VIPHTelec SF

- Available at



VIP Kunststoff-Vertrieb GmbH
Reuther Str. 50
91301 Forchheim

Tel: +49 9191 / 7980-0
Email: info@vip-fo.de

Your contact person in sales:
Sonja Klinger, T: 09191 / 7980-16 – Email: s.klinger@vip-fo.de

We are looking forward to getting your requests!

Rev. 2025/01