

# TECHNICAL DATA

Technical Data on Abrasion Properties of PPS, Ceramic and Carbon filled PTFE Paste Extruded Material.

## Abrasion in weight %

	After 0.5 Million Strokes		After 1 Million Strokes	
	RT (23° C)	150° C	RT (23° C)	150° C
PTFE +7% PPS	2.7-3.1	5.5-5.6	--	--
	After 140,000 Strokes Test			
PTFE +7% Ceramic	0.3-0.4	0.6-1.0	0.7-0.9	1.5-2.1
PTFE 20% by weight soft carbon	3.4	--	5.8	--
PTFE 17% by weight hard carbon	1.6	--	3.6	--
PTFE	5	--	--	--
	After 20,000 Strokes Test			

### Sample Dimension

Tube:	6.5mm x 3.2mm
Wire:	19 strands of 3mm diameter
Stroke:	40mm
Bend Radius:	120mm
Speed:	2 Strokes/second
Weight:	60Kp

Issue: 2

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