

TECHNICAL DATA SHEET

PRODUCT: Polypropylene Staple Fibres
APPLICATION: Geotextiles
SHADE: Natural White/Virgin/Generic and Carbon Black

TEST PROPERTY	SPECIFICATIONS						
	4 Denier	6 Denier	8 Denier	12 Denier	15 Denier	40 Denier	70 Denier
FIBRE TITRE [DENIER]	4 ($\pm 10\%$)	6 ($\pm 10\%$)	8 ($\pm 10\%$)	12 ($\pm 10\%$)	15 ($\pm 10\%$)	40 ($\pm 10\%$)	70 ($\pm 10\%$)
BREAKING TENACITY [GPD]	> 4.8	> 4.8	> 4.2	> 3.5	> 3.5	> 3.0	> 2.5
BREAKING ELONGATION [%]	> 45%	> 40%	> 70%	> 100%	> 100%	> 125%	> 150%
CRIMP PER CMS [CPC]	AS PER CUT LENGTH OF THE FIBRES						
% SPIN FINISH [Oil Content]	0.80 (± 0.20)						
AVERAGE CUT LENGTH [MM]	51 (± 3),	60 (± 3),	80 (± 5),	90 (± 5),	102 (± 5)		
MELTING POINT [$^{\circ}$ C]	165 - 170						
SPECIFIC GRAVITY (GMS/CM ²)	0.91						
% MOISTURE CONTENT [100 $^{\circ}$ C/1 Hrs]	≤ 0.5						
% of UV STABILIZER	AS PER CUSTOMER'S SPECIFIC REQUIREMENT						

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