

## EMS-Griltech Grilon® XA 893 Nylon 6 Monofilament (Super-Set)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 Fiber

### Material Notes:

Description: GRILON XA 893 is a Nylon 6 based monofilament for press felt fabric. Special Note: GRILON Monofilament has been bought by ShakespeareData provided by EMS-Griltech.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_EMS-Griltech-Grilon-XA-893-Nylon-6-Monofilament-Super-Set.php](http://www.lookpolymers.com/polymer_EMS-Griltech-Grilon-XA-893-Nylon-6-Monofilament-Super-Set.php)

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in <sup>3</sup>	
Filament Diameter	500 - 1200 µm	500 - 1200 µm	

Mechanical Properties	Metric	English	Comments
Elongation at Break	40 - 60 %	40 - 60 %	
Tenacity	0.351 - 0.439 N/tex	3.98 - 4.97 g/denier	

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	
Shrinkage	3.00 - 6.00 % @Temperature 180 °C	3.00 - 6.00 % @Temperature 356 °F	Thermo Shrinkage

Descriptive Properties	Value	Comments
Heat Setting	Super-Set	

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