

EMS-Griltech Grilon® XC 145 Nylon 6 Monofilament (Non-Set)

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

Material Notes:

Description: GRILON XC 145 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-XC-145-Nylon-6-Monofilament-Non-Set.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	
Filament Diameter	350 - 700 µm	350 - 700 µm	

Mechanical Properties	Metric	English	Comments
Elongation at Break	20 - 30 %	20 - 30 %	
Tenacity	0.509 - 0.553 N/tex	5.77 - 6.27 g/denier	

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	
Shrinkage	15.0 - 17.0 % @Temperature 180 °C	15.0 - 17.0 % @Temperature 356 °F	Thermo Shrinkage

Descriptive Properties	Value	Comments
Heat Setting	Non-Set	

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