

Unifrax PC Series™ PC Max™ Paper Ceramic Fiber Filtration Media

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

PC (Porosity Controlled) Series™ Papers perform the following critical functions in all types of pyrotechnic automotive airbag inflator filters: (1) Provide efficient filtration of effluent gas by removing particulate matter through condensation and adhesion and mechanical entrapment. (2) Through the removal of high heat capacity particulate matter, these aluminosilicate filtration media significantly cool the gas stream before it enters the bag. (3) Consistently regulate gas flow into the bag ensuring conformance to the planned deployment sequence. PC Max™ are filtration media formulated from high alumina chemistry fiber and developed for specific applications requiring temperature capability above that provided by typical ceramic fiber chemistries. Information Provided by Unifrax I LLC

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unifrax-PC-Series-PC-Max-Paper-Ceramic-Fiber-Filtration-Media.php

Physical Properties	Metric	English	Comments
Loss On Ignition	<= 8.0 %	<= 8.0 %	

Component Elements Properties	Metric	English	Comments
Al2O3	97 %	97 %	
SiO2	2.0 %	2.0 %	

Descriptive Properties	Value	Comments
Basis Weight (lb/3000ft ²)	425	
Caliper (in.)	0.165	at 8 PSF
	0.3	at 4 PSF
Other (%)	1	
Resistance (mm H2O)	30	at 85 l/min/100cm ²

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