

Unifrax PC Series™ 300 Paper Ceramic Fiber Filtration Media

Category : Ceramic , Oxide , Aluminum Oxide , Silicon 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 300 Series media are developed for applications requiring higher resistance and cleanliness. These high resistance media are available in four flow ranges with or without a small amount of nontoxic latex binder added for enhanced tensile strength and compression recovery characteristics. Information Provided by Unifrax I LLC

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unifrax-PC-Series-300-Paper-Ceramic-Fiber-Filtration-Media.php

Physical Properties	Metric	English	Comments
Loss On Ignition	<= 6.0 %	<= 6.0 %	

Component Elements Properties	Metric	English	Comments
Al2O3	46 %	46 %	
SiO2	52 %	52 %	

Descriptive Properties	Value	Comments
Basis Weight (lb/3000ft ²)	300	
Caliper (in.)	0.07	at 8 PSF
	0.125	at 4 PSF
Other (%)	2	
Resistance (mm H2O)	60	at 85 l/min/100cm ²

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