

Filter-bond™ E-3568

Thermoset, Unspecified

Hapco Inc.

Message:

Filter-bond is a series of casting and potting compounds ideally suited for medical and food contact applications. This Filter-bond E-SERIES is manufactured to ultra-high quality standards and has been used by customers to pass biocompatibility requirements.

FILTER-bond E-3568 is used in applications such as: ultrafiltration and filtration prepot and gasketing applications. FILTER-bond's ability to be easily trimmed or cut is a decided advantage. Flexible gasketing applications are ideally suited for Filter-bond E-3568.

General Information			
Features	Food Contact Acceptable		
	Good Flexibility		
Uses	Bonding		
	Filters		
	Filtration Media		
	Gaskets		
	Medical/Healthcare Applications		
	Non-specific Food Applications		
	Sealants		
Appearance	Light Blue		
Forms	Liquid		
Processing Method	Casting		
	Encapsulating		
	Potting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.928	g/cm ³	ASTM D4669
Molding Shrinkage - Flow	0.050 to 0.20	%	ASTM D2566
Weight - per cubic inch	17	g	
Gel Time ¹ (25°C)	4.0 to 6.0	min	ASTM D2971
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	60 to 70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	< 2760	MPa	ASTM D638
Tensile Strength (Yield)	0.862	MPa	ASTM D638
Tensile Elongation (Break)	950	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ²	1.75	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	Test Method

Thermoset Components			
Part A	Mix Ratio by Weight: 100, Mix Ratio by Volume: 100		
Part B	Mix Ratio by Weight: 88, Mix Ratio by Volume: 100		
Thermoset Mix Viscosity (25°C)	950	cP	ASTM D4878
Demold Time			
21°C	40 to 90	min	
68°C	20 to 30	min	
NOTE			
1.	100 g		
2.	Die C		

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