

Hetron™ F 240 TF

Thermoset Polyester

Ashland Performance Materials

Message:

HETRON F 240 TF is a non pre-accelerated, thixotropic flame retardant resin based on a oithophtalic unsaturated polyester containing mineral and organic fillers. It contains neither chlorine nor nitrogen. The colour of the resin is white.

Application and use

HETRON F 240 TF resin can be used in contact moulding, spray-up and cold press applications. It is particulary recommended for finished products which need very good flame retardency and low smoke toxicity, e.g. construction (sanitary etc.), and transport (trains underground/subway).

General Information			
Filler / Reinforcement	Mineral		
	Organic		
Features	Chlorine Free		
	Flame Retardant		
	Orthophthalic		
	Thixotropic		
Uses	Construction Applications		
Appearance	White		
Forms	Liquid		
Processing Method	Contact Molding		
Physical	Nominal Value	Unit	Test Method
Solution Viscosity ¹	1000	mPa · s	
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	50		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6000	MPa	ISO 527-2
Tensile Stress	35.0	MPa	ISO 527-2
Tensile Strain (Break)	1.0	%	ISO 527-2
Flexural Stress	55.0	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	75.0	°C	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Oxygen Index	32	%	ISO 4589-2
Additional Information	Nominal Value	Unit	
Monomers	29	%	
Uncured Properties	Nominal Value	Unit	
Gel Time	15	min	

NOTE

1. Brookfield RV2, 20 rpm

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