

Starflam PA12 Z31E (EXP)

Polyamide 12
Eurostar Engineering Plastics

Message:
PA12 Z31E is an Unfilled Halogen Free Flame Retardant Polyamide 12, Extrusion Resin (developmental)

General Information			
Additive	Flame retardancy		
Features	Halogen-free		
	Flame retardancy		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Molding Shrinkage (3.00 mm)	1.0 - 1.8	%	Internal method
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	5.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength (23°C)	45	kJ/m ²	ISO 180/1U
Flammability	Nominal Value	Unit	Test Method
Glow Wire Flammability Index (1.6 mm)	960	°C	IEC 60695-2-12
Oxygen Index	32	%	ISO 4589-2
Injection	Nominal Value	Unit	
Drying Temperature	80	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	200 - 220	°C	
Middle Temperature	200 - 220	°C	
Front Temperature	200 - 220	°C	
Processing (Melt) Temp	200 - 220	°C	
Mold Temperature	50 - 90	°C	

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