

# Sinpolene FRF2024

Polypropylene

Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinpolene FRF2024 is a Polypropylene material. It is available in Asia Pacific for injection molding.

Important attributes of Sinpolene FRF2024 are:

Flame Rated

Flame Retardant

General Information			
Features	Flame Retardant		
	Halogenated		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.3 to 1.6	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.0	MPa	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Flexural Modulus	800	MPa	ASTM D790
Flexural Strength	24.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	600	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating (1.60 mm)	V-2	UL 94	

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Recommended distributors for this material

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