

SAMAT 5508(f1)

Polypropylene

POLYROCKS CHEMICAL CO., LTD

Message:

SAMAT 5508(f1) is a Polypropylene product. It is available in Asia Pacific. Applications of SAMAT 5508(f1) include consumer goods, electrical/electronic applications and outdoor applications.

Characteristics include:

Flame Rated

Chemical Resistant

Flame Retardant

Good Weather Resistance

High Flow

General Information			
Features	Flame Retardant		
	Good Chemical Resistance		
	Good Weather Resistance		
	High Flow		
Uses	Consumer Applications		
	Electrical/Electronic Applications		
UL File Number	E231028		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/1.2 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.2 to 1.6	%	ASTM D955
Outdoor Suitability	f1		UL 746C
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.0	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	1100	MPa	ASTM D790
Flexural Strength	30.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	36	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	120	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	SC-0		
3.00 mm	SC-0		
Injection	Nominal Value	Unit	

Drying Temperature	90.0	°C
Drying Time	2.0	hr
Processing (Melt) Temp	180 to 200	°C
Mold Temperature	40.0 to 70.0	°C

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Recommended distributors for this material

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