

# Starex SF-0950S

Methyl Methacrylate / ABS

SAMSUNG SDI CO., LTD.

Message:

Starex SF-0950S is a Methyl Methacrylate / ABS (MABS) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: flame rated.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	13	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.30 to 0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Pencil Hardness <sup>1</sup>	H		JIS K5401
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	42.0	MPa	ASTM D638
Flexural Modulus <sup>3</sup>	2100	MPa	ASTM D790
Flexural Strength <sup>4</sup>	64.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	110	J/m	ASTM D256
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	HB		
3.00 mm	HB		
Injection	Nominal Value	Unit	
Drying Temperature			
--	85.0	°C	
Desiccant Dryer	80.0	°C	
Drying Time			
--	2.0 to 4.0	hr	
Desiccant Dryer	2.0 to 3.0	hr	
Suggested Max Moisture	< 0.050	%	
Rear Temperature	190 to 200	°C	
Middle Temperature	210 to 220	°C	
Front Temperature	230 to 240	°C	
Nozzle Temperature	240	°C	
Mold Temperature	40.0 to 80.0	°C	
Injection Pressure	49.0 to 245	MPa	
Back Pressure	0.490 to 1.96	MPa	

Screw Speed	50 to 150	rpm
NOTE		
1.	Condition: 500g	
2.	5.0 mm/min	
3.	2.8 mm/min	
4.	2.8 mm/min	

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Recommended distributors for this material


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