

Generic SAS

Styrene Acrylonitrile Silicone Copolymer

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic SAS
This information is provided for comparative purposes only.

General Information			
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.06 - 1.07	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/2.16 kg)	19.7 - 20.6	cm³/10min	ISO 1133
Molding Shrinkage (23°C)	0.50 - 0.70	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (23°C)	51 - 108		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	750 - 2450	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	39.8 - 45.2	MPa	ISO 527-2
Flexural Modulus (23°C)	850 - 2560	MPa	ISO 178
Flexural Stress (23°C)	23.0 - 75.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	15 - 35	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	80.0 - 81.1	°C	ISO 75-2/A
CLTE - Flow	7.0E-5 - 9.1E-5	cm/cm/°C	ISO 11359-2
Injection	Nominal Value	Unit	
Rear Temperature	200	°C	
Middle Temperature	220 - 221	°C	
Front Temperature	235	°C	
Nozzle Temperature	215	°C	
Processing (Melt) Temp	240	°C	
Injection instructions			

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

