

Cevian®-V SERG2

Acrylonitrile Butadiene Styrene
Daicel Polymer Ltd.

Message:

Cevian® -V SERG2 is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in Asia Pacific. Primary attribute of Cevian® -V SERG2: Flame Rated.

General Information			
UL YellowCard	E47773-239512		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.20 to 0.50	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.30	%	ISO 62
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	116		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	85.0	MPa	ISO 527-2
Flexural Modulus	7100	MPa	ISO 178
Flexural Stress	130	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	6.0	kJ/m ²	
23°C	8.0	kJ/m ²	
Notched Izod Impact			ASTM D256
-30°C, 6.40 mm	50	J/m	
23°C, 6.40 mm	100	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
1.8 MPa, Unannealed, 12.7 mm	97.0	°C	ASTM D648
1.8 MPa, Unannealed	89.0	°C	ISO 75-2/A
Vicat Softening Temperature	94.0	°C	ISO 306/B50
CLTE			ISO 11359-2
Flow	3.0E-5	cm/cm/°C	
Transverse	8.0E-5	cm/cm/°C	
Ball Pressure Test	80	°C	
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength (1.50 mm)	34	kV/mm	ASTM D149
Arc Resistance (3.00 mm)	36.0	sec	ASTM D495
Arc Resistance (3.00 mm)	PLC 7		ASTM D495
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94

1.70 mm	V-0	
2.50 mm	5VA	
Injection	Nominal Value	Unit
Drying Temperature	80.0 to 85.0	°C
Drying Time	3.0 to 4.0	hr
Rear Temperature	160 to 180	°C
Middle Temperature	180 to 200	°C
Front Temperature	200 to 220	°C
Nozzle Temperature	200 to 220	°C
Mold Temperature	60.0 to 80.0	°C
Back Pressure	10.0 to 20.0	MPa
Screw Speed	40 to 60	rpm

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

