

Cevian® SER241

Acrylonitrile Butadiene Styrene

PlastxWorld Inc.

Message:

Cevian®SER241 is an acrylonitrile butadiene styrene (ABS) product. It can be processed by injection molding and is available in North America.

Features include:

flame retardant/rated flame

Flame Retardant

Good processability

General Information			
Additive	Flame retardancy		
Features	Good formability		
	General		
	Flame retardancy		
Uses	General		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	40.0	MPa	ASTM D638
Flexural Modulus	2140	MPa	ASTM D790
Flexural Strength (Yield)	63.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (6.35 mm)	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 12.7 mm)	82.2	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	V-1		UL 94
2.00 mm	V-0		UL 94
2.50 mm	5VA		UL 94
Additional Information			
Melt Flow Rate, ASTM D1238, 230°C, 5 kg: 26 g/10 minMelt Flow Rate, ASTM D1238, 220°C, 10 kg: 55 g/10 min			
Injection	Nominal Value	Unit	
Drying Temperature	76.7 - 85.0	°C	
Drying Time	2.0 - 4.0	hr	

Rear Temperature	160 - 180	°C
Middle Temperature	180 - 200	°C
Front Temperature	190 - 210	°C
Processing (Melt) Temp	180 - 230	°C
Mold Temperature	40.0 - 60.0	°C
Injection Pressure	48.3 - 96.5	MPa
Injection Rate	Slow-Moderate	
Back Pressure	0.345 - 0.689	MPa
Screw Speed	40 - 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

