

Cevian®-V 660SF

Acrylonitrile Butadiene Styrene

PlastxWorld Inc.

Message:

Cevian-V 660SF is a high flow ABS for general purpose applications.

General Information			
Features	High liquidity		
	General		
Uses	General		
Appearance	Black		
	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	16	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.50 - 0.70	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.30	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	44.1	MPa	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Flexural Strength (Yield)	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	170	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 12.7 mm)	87.2	°C	ASTM D648
Vicat Softening Temperature	92.8	°C	ASTM D1525 ¹
CLTE - Flow	9.0E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating (1.57 mm, ALL)	HB		UL 94
Additional Information			
Specific Gravity, ASTM D792, 73°F, 50% RH: 1.05			
Injection	Nominal Value	Unit	

Drying Temperature	79.4 - 85.0	°C
Drying Time	2.0 - 4.0	hr
Rear Temperature	180 - 200	°C
Middle Temperature	200 - 220	°C
Front Temperature	220 - 240	°C
Processing (Melt) Temp	230 - 250	°C
Mold Temperature	48.9 - 60.0	°C
Injection Pressure	34.5 - 103	MPa
Injection Rate	Moderate-Fast	
Back Pressure	0.689 - 2.07	MPa
Screw Speed	60 - 80	rpm

NOTE

1. 压力1 (10N)

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