

Cevian®-V LMW10

Acrylonitrile Butadiene Styrene

PlastxWorld Inc.

Message:

Cevian LMW10 is a Laser Markable ABS. Features include high flow for easy processing, well balanced mechanical properties, and excellent for Laser Marking black on white.

General Information			
Features	Workability, good		
	High liquidity		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 - 0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	111		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	45.0	MPa	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Flexural Strength	60.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.35 mm)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	87.2	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm, GY)	HB		UL 94
Additional Information			
Melt Flow Rate, ASTM D1238, 220°C, 10 kg: 20 g/10 min			

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Recommended distributors for this material

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