

Converge® Polyol HMA-2

Polycarbonate
Novomer, Inc.

Message:

Converge HMA-2 is a 1800 molecular weight blend optimized for viscosity and hydroxyl number. Carbon dioxide accounts for approximately 30% of the polyol mass.

Applications:

Converge HMA-2 is an opti mized blend primarily for use in Hot Melt Adhesive formulations. It may also have benefits in coatings, elastomers, and other applications where low viscosity and flowability are important.

Features:

The aliphatic polycarbonate backbone delivers unique high performance to polyurethanes in terms of both strength and environmental resistance. In adhesive applications, it provides improved adhesive & cohesive strength and hydrolytic stability when used with many substrates including wood, aluminum, polycarbonate, and PVC. In coatings, it delivers UV resistance and high hardness. Converge HMA-2 can also improve abrasion resistance.

General Information	
Features	Aliphatic
	Good Adhesion
	Good Flexibility
	Good UV Resistance
	High Hardness
	Hydrolytically Stable
	Low Viscosity
Uses	Adhesives
	Coating Applications
	Foam

Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Acid Number	< 0.50	Mg KOH/g	
Molecular Weight	1800	g/mol	
Viscosity (75°C)	10.5	Pa · s	
Water Content	< 500	ppm	
Functionality	2.00		
OH Value	67.0	Mg KOH/g	
Polydispersity	1.10		

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