

Converge® Polyol FF-1

Polycarbonate

Novomer, Inc.

Message:

Converge polyol FF-1 is a blend optimized for viscosity and hydroxyl number. Carbon dioxide accounts for approximately 13% of the polyol mass.

Applications:

Converge polyol FF-1 is an optimized blend primarily for use in polyether based flexible slabstock foam.

Features:

The aliphatic polycarbonate backbone delivers unique high performance to polyurethanes in terms of both strength and environmental resistance. In flexible foam applications, foams with excellent feel, fine cell structure, and improved load bearing properties have been observed. This product provides the capability to build load in foam without the use of styrene acrylonitrile (SAN).

General Information	
Features	Aliphatic
	Good Flexibility
Uses	Building Materials
	Foam
Appearance	Amber
	Clear/Transparent
	Yellow

Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm ³	ISO 1183
Acid Number	< 1.00	Mg KOH/g	
Molecular Weight	3000	g/mol	
Viscosity (25°C)	6.70	Pa · s	
Water Content	< 500	ppm	
Functionality	2.90		
OH Value	56.0	Mg KOH/g	

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