

Converge® Polyol RF-1

Polycarbonate

Novomer, Inc.

Message:

Converge polyol RF-1 is a blend optimized for viscosity and hydroxyl number utilizing Converge polyol 212-10. Carbon dioxide accounts for approximately 10% of the polyol mass.

Applications:

Converge polyol RF-1 is an optimized blend primarily for use in rigid polyisocyanurate and polyurethane formulations for boardstock, panels, and other rigid foam insulation.

Features:

The aliphatic polycarbonate backbone delivers unique high performance to polyurethanes in terms of both strength and environmental resistance. In rigid foam applications, improved compressive strength and improved fire performance including lower smoke generation and lower heat of combustion have been observed.

General Information	
Features	Aliphatic
	Medium Rigidity
Uses	Coating Applications
	Foam
	Foamed Insulation Board
	Insulation
Appearance	Amber
	Clear/Transparent

Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Acid Number	< 1.00	Mg KOH/g	
Molecular Weight	585	g/mol	
Viscosity (25°C)	6.25	Pa · s	
Water Content	< 1500	ppm	
Functionality	2.00		
OH Value	240	Mg KOH/g	

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