

BIOH™ Polyol X-0500

Biodegradable Polymers

Cargill Industrial Bio-Products

Message:

Bio-based polyol for use in polyurethanes.

General Information			
Features	Biodegradable		
	Renewable Resource Content		
Uses	Foam		
Processing Method	Foam Processing		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ASTM D1298
Acid Number ¹	0.30	mg KOH/g	Internal Method
Gardner Color ²	< 1.00		Internal Method
Molecular Weight ³	1700		Internal Method
Water Content	500	ppm	ASTM E1064-04A
Flash Point	> 130	°C	ASTM D93
Functionality - Calculated	2.00		
Hydroxyl Value ⁴	56.0	mg KOH/g	ASTM E1899-97
Thermoset	Nominal Value	Unit	Test Method
Thermoset Mix Viscosity ⁵ (25°C)	4500	cP	ASTM D2196
NOTE			
1.	AOCS CD 3d-63		
2.	AOCS Td Ia-64		
3.	Vapor Phase Osmometry		
4.	Hydroxyl Type: 100% secondary, Known Structure		
5.	(8B)		

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