

BIOH™ Polyol X-0005

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	1.01	g/cm ³	ASTM D1298
Acid Number ¹	0.60	mg KOH/g	Internal Method
Gardner Color - GVS	< 2.00		ASTM D1544
Molecular Weight	1445		Internal Method
Water Content	600	ppm	ASTM E203
Flash Point	> 100	°C	ASTM D93
Hydroxyl Value ²	129	mg KOH/g	ASTM E1899-97
Thermoset	Nominal Value	Unit	Test Method
Shelf Life			
38°C	52	wk	
46°C	26	wk	
Thermoset Mix Viscosity ³ (25°C)	4500	cP	ASTM D2196
NOTE			
1.	AOCS CD 3d-63		
2.	Hydroxyl Type: 100% secondary, Known Structure		
3.	(8B)		

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