

# INEOS EBA B30G730

Ethylene Butyl Acrylate Copolymer

INEOS Olefins & Polymers Europe

Message:

B30G730 is a Polyethylene EBA Copolymer for Blown film

Benefits & Features

B30G730 is an Ethylene Butyl Acrylate (EBA) copolymer, containing 17% butyl acrylate.

Applications

B30G730 has been developed to give a strong and elastic film with low gel levels for applications such as

Stretch hoods

Surface protecton film

Soft film for gloves

General Information			
Features	Good Strength		
	High Elasticity		
	Low Gel		
Uses	Film		
	Protective Coverings		
RoHS Compliance	Contact Manufacturer		
Processing Method	Blow Molding		
	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density	0.926	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ISO 1133
Films	Nominal Value	Unit	Test Method
Secant Modulus <sup>1</sup>			ISO 1184
1% Secant, MD : 60 µm, Blown Film	50.0	MPa	
1% Secant, TD : 60 µm, Blown Film	50.0	MPa	
Tensile Stress			ISO 1184
MD : Yield, 60 µm, Blown Film	6.00	MPa	
TD : Yield, 60 µm, Blown Film	4.00	MPa	
MD : Break, 60 µm	23.0	MPa	
TD : Break, 60 µm	21.0	MPa	
Tensile Elongation			ISO 1184
MD : Break, 60 µm	540	%	
TD : Break, 60 µm	680	%	
Dart Drop Impact	670	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922

MD : 25 µm, Blown Film	30	g	
TD : 25 µm, Blown Film	160	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 60.0 µm, Blown Film)	40		ASTM D2457
Haze (60.0 µm, Blown Film)	14	%	ASTM D1003
NOTE			
1.	Method A		

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