

Adstif HA3105

Polypropylene Homopolymer
LyondellBasell Industries

Message:

Adstif HA3105 is a high cristallinity polypropylene homopolymer. It does not contain any slip, anti-blocking or Calcium Stearate additives. Adstif HA3105 is designed for the production of biaxially oriented polypropylene films (BOPP). It is used by customers for a broad range of applications including metallizable films and both plain and coextruded structures. Adstif HA3105 offers good optical properties, increased film rigidity and barrier properties. For regulatory information please refer to Adstif HA3105 Product Stewardship Bulletin (PSB).

General Information			
Features	Electroplating		
	High crystallization		
	Optical		
	Homopolymer		
	Barrier resin		
Uses	Bi-axially Oriented Film		
	Films		
	Food packaging		
Processing Method	Film extrusion		
	Co-extrusion molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/50
Yield	36.0	MPa	ISO 527-2/50
Fracture, 23°C	23.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	10	%	ISO 527-2/50
Fracture	> 500	%	ISO 527-2/50
Flexural Modulus (23°C)	1750	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	105	°C	ISO 75-2/B
Vicat Softening Temperature	160	°C	ISO 306/A50
Optical	Nominal Value	Unit	Test Method
Haze (20.0 µm)	0.60	%	ASTM D1003

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