Technical Data Sheet

Adstif HA622H

Polypropylene, Homopolymer

Product Description

Adstif HA622H is a high cristallinity polypropylene homopolymer. It does not contain any slip, anti-blocking or Calcium Stearate additives.
Adstif HA622H 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 HA622H offers good optical properties, increased film rigidity and barrier properties.

Application	Barrier Film; Food Packaging Film
Market	Flexible Packaging
Processing Method	Blown Film; BOPP
Attribute	High Gloss; Homopolymer; Metallizeable

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	2.0	g/10 min	ISO 1133-1
Density	0.900	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus	1750	N/mm²	ISO 178
Tensile Stress at Break, (23 °C, 50 mm/min)	23	N/mm²	ISO 527-1, -2
Tensile Stress at Yield, (23 °C, 50 mm/min)	36	N/mm²	ISO 527-1, -2
Tensile Strain at Break, (23 °C, 50 mm/min)	>500	%	ISO 527-1, -2
Tensile Strain at Yield, (23 °C, 50 mm/min)	10	%	ISO 527-1, -2
Hardness			
Shore Hardness, (Shore D)	71		ISO 868
Thermal			
Vicat Softening Temperature, (A50)	160	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	105	°C	ISO 75B-1, -2
Optical			
Haze	0.60	%	ASTM D1003