Technical Data Sheet

Adstif HA620J HP

Polypropylene, Homopolymer

Product Description

Adstif HA620J HP is a high stiffness polypropylene homopolymer designed for the production of biaxially oriented polypropylene films (BOPP). It has a very low level of catalyst residues and it does not contain any slip and antiblocking agents. *Adstif* HA620J HP offers good optical, easy processing and good film profile.

Application	Barrier Film; Food Packaging Film
Market	Flexible Packaging
Processing Method	BOPP
Attribute	Good Dimensional Stability; High Gloss; High Purity; High Stiffness; Homopolymer; Low Catalyst Residuals

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	3.0	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)	21	N/mm²	ISO 527-1, -2
Tensile Stress at Yield, (23 °C, 50 mm/min)	37	N/mm²	ISO 527-1, -2
Tensile Strain at Break, (23 °C, 50 mm/min)	100	%	ISO 527-1, -2
Tensile Strain at Yield, (23 °C, 50 mm/min)	9	%	ISO 527-1, -2
Thermal			
Vicat Softening Temperature, (A50)	160	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	110	°C	ISO 75-1, -2