Technical Data Sheet

Adstif HA716J

Polypropylene, Homopolymer

Product Description

LyondellBasell Australia's Polypropylene grade *Adstif* HA716J is a high stiffness homopolymer with a broad molecular weight distribution and is specially designed for metallised biaxially oriented polypropylene (BOPP) film applications. *Adstif* HA716J offers better hot fill performance and improved metallisable barrier levels. *Adstif* HA716J can also be used in lamination film and compounding applications.

Status	Commercial: Active
Availability	Asia-Pacific; Australia and New Zealand
Application	Food Packaging Film; Lamination Film
Market	Flexible Packaging
Processing Method	BOPP; Compounding
Attribute	Homopolymer

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, (23 °C, Method D)	0.90	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus	1800	MPa	ISO 178
Tensile Stress at Yield	36	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	4.5	kJ/m²	ISO 180/1A
Hardness			
Shore Hardness, (Shore D)	76		ISO 868
Thermal			
Vicat Softening Temperature	158	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	100	°C	ISO 75B-1, -2