

Technical Data Sheet

HA716J

Polypropylene, Homopolymer

Product Description

Viva Energy Polymers polypropylene grade HA716J is a high stiffness homopolymer with a broad molecular weight distribution and is specially designed for metallised biaxially oriented polypropylene (BOPP) film applications. HA716J offers better hot fill performance and improved metallisable barrier levels. 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/cm ³	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/m ²	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

Notes

These are typical property values not to be construed as specification limits.

Regulatory Status

For regulatory compliance information, see Product Stewardship Bulletin and Safety Data Sheet.

Company Information

For further information regarding Viva Energy please visit www.vivaenergy.com.au.

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