

Technical Data Sheet

HP516J

Polypropylene, Homopolymer

Product Description

Viva Energy Polymers polypropylene grade HP516J is a medium flow homopolymer with a conventional molecular weight distribution and is specifically designed for metallised film applications. HP516J is designed for the production of biaxially oriented polypropylene (BOPP) metallised films for high quality packaging and laminates. HP516J gives reliable and consistent processing on BOPP tenter lines, providing films with a good balance of properties.

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

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	1500	MPa	ISO 178
Tensile Stress at Yield	33	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	5	kJ/m ²	ISO 180/1A
Hardness			
Shore Hardness, (Shore D)	75		ISO 868
Thermal			
Vicat Softening Temperature	155	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	90	°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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