

# Technical Data Sheet

## HP520J

### Polypropylene, Homopolymer

#### Product Description

Viva Energy Polymers polypropylene grade HP520J is a medium flow homopolymer with a conventional molecular weight distribution and is formulated with a general-purpose additive package. HP520J is designed for the production of biaxially oriented polypropylene (BOPP) films for high quality packaging and laminates. HP520J gives reliable and consistent processing on BOPP stenter lines, providing films having high transparency and gloss, with a good balance of film properties.

<b>Status</b>	Commercial: Active
<b>Availability</b>	Asia-Pacific; Australia and New Zealand
<b>Application</b>	Food Packaging Film
<b>Market</b>	Flexible Packaging
<b>Processing Method</b>	BOPP
<b>Attribute</b>	General Purpose; Homopolymer; Medium Flow

Typical Properties	Nominal value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	3	g/10 min	ISO 1133-1
Density, (23°C, Method D)	0.90	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Flexural Modulus	1500	MPa	ISO 178
Tensile Stress at Yield	33	MPa	ISO 527-1, -2
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C)	5	kJ/m <sup>2</sup>	ISO 180/1A
<b>Hardness</b>			
Shore Hardness, (Shore D)	75		ISO 868
<b>Thermal</b>			
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](http://www.vivaenergy.com.au).

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