

Technical Data Sheet

HP565K

Polypropylene, Homopolymer

Product Description

Viva Energy polypropylene grade HP565K is a medium flow homopolymer with a modified molecular weight distribution and is formulated with an enhanced process stability additive package. HP565K has been developed for the manufacture of high tenacity tapes, ropes and twines.

Status	Commercial: Active
Availability	Asia-Pacific; Australia and New Zealand
Application	Raffia/Tapes/Strapping
Market	Consumer Products; Flexible Packaging
Processing Method	Tapes & Raffia
Attribute	Homopolymer; Medium Flow

Typical Properties	Nominal value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	3.5	g/10 min	ISO 1133-1
Density, (23°C, Method D)	0.90	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	1400	MPa	ISO 178
Tensile Stress at Yield	31	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)	74		ISO 868
Thermal			
Vicat Softening Temperature	153	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	81	°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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