

Technical Data Sheet

HP325M

Polypropylene, Homopolymer

Product Description

Viva Energy Polymers polypropylene grade HP325M is a medium flow polypropylene homopolymer with a modified molecular weight distribution and is formulated with slip and anti-block package. HP325M is designed for the production of cast films. Typically films made from HP325M include high quality cast films for packaging food and other items.

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

| Typical Properties | Nominal value | Units | Test Method |
|---|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 8 | g/10 min | ISO 1133-1 |
| Density, (23°C, Method D) | 0.90 | g/cm ³ | ISO 1183-1 |
| Mechanical | | | |
| Flexural Modulus | 1250 | MPa | ISO 178 |
| Tensile Stress at Yield | 31 | MPa | ISO 527-1, -2 |
| Impact | | | |
| Notched Izod Impact Strength, (23 °C) | 3 | kJ/m ² | ISO 180/1A |
| Hardness | | | |
| Shore Hardness, (Shore D) | 73 | | ISO 868 |
| Thermal | | | |
| Vicat Softening Temperature | 152 | °C | ISO 306 |
| Heat Deflection Temperature B, (0.45 MPa, Unannealed) | 82 | °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.

© VIVA ENERGY GROUP

Disclaimer

Information in this document is accurate to the best of our knowledge at the date of publication. The document is designed to provide users general information for safe handling, use, processing, storage, transportation, disposal and release and does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally.

In addition to any prohibitions of use specifically noted in this document, Viva Energy may further prohibit or restrict the sale of its products into certain applications. For further information, please contact a Viva Energy representative.