

PRODUCT INFORMATION

Adstif HA716J

Homopolymer PP grade for metallisable BOPP film, lamination film and compounding applications



LyondellBasell has been a leader in BOPP film grade production for over 30 years and *Adstif HA716J* is the latest advancement and addition to its portfolio in Australia. Manufactured at the Geelong site, *Adstif HA716J* is a high stiffness polypropylene (PP) homopolymer with a broad molecular weight distribution, high crystalline, improved hot fill and metallisable barrier performance.

Utilising LyondellBasell state-of-the-art catalyst technology and formulated with additives that have relatively low migration tendency, *Adstif HA716J* is suitable for use in metallisable and coating film applications, both BOPP and CPP, lamination films, and compounding operations. For use in films, manufacturers can use this grade to tailor specific film stiffness by varying the addition rate to standard film grades.

Product Benefits

- High stiffness
- Improved hot fill performance
- Improved metallisable barrier levels

Some Typical Applications



Food packaging



Film

Resin Properties*

Typical Properties	Unit	Test Method	HP516J	HA716J
MFR	g/10min	ISO 1133	3	3
Flexural Modulus	MPa	ISO 178	1500	1800
Heat Distortion Temperature (HDT) @ 0.45 MN/ m2	°C	ISO 75	90	100
Tensile Stress at Yield	MPa	ISO 527	33	36
Impact strength (NII) (notched IZOD at 23°C)	KJ/m2	ISO 180/1A	5	4.5

*Note: Properties of *Adstif HA716J* are compared to *Moplen HP516J* (LyondellBasell Australias Standard BOPP metallisable film grade)

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