Technical Data Sheet

Adstif HA612M

High Crystallinity Polypropylene

Product Description

Adstif HA612M is a high crystallinity medium fluidity polypropylene homopolymer. It does not contain slip or anti-blocking additives and it does not contain Calcium Stearate.

Adstif HA612M is typically used by customers for cast film applications where high rigidity and high temperature resistance are required. *Adstif* HA612M is used by customers for the production of coextruded twist wrapping, labels, lamination, metallize able film and textile packaging.

Films produced with *Adstif* HA612M have been reported by customers to exhibits very high stiffness..

Regulatory Status

For regulatory compliance information, see *Adstif* HA612M Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Europe
Application	Food Packaging Film; Stationery Film; Twist Wrap Film
Market	Flexible Packaging
Processing Method	Cast Film; Double Bubble
Attribute	Broad Molecular Weight Distribution; Crystalline; High Rigidity; Homopolymer; Metallizeable

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	7.0	g/10 min	ISO 1133-1
Density	0.90	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus	1900	MPa	ISO 178
Tensile Stress at Break	23	MPa	ISO 527-1, -2
Tensile Stress at Yield	37	MPa	ISO 527-1, -2
Tensile Strain at Break	100	%	ISO 527-1, -2
Tensile Strain at Yield	8	%	ISO 527-1, -2
Thermal			
Vicat Softening Temperature, (A/50)	160	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	110	°C	ISO 75B-1, -2

Manufacturer website: https://www.lyondellbasell.com/en/

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Users should determine the conditions necessary to obtain optimum product properties and suitability of the product for the intended application.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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