

## 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..

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

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	7.0	g/10 min	ISO 1133-1
Density	0.90	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
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
<b>Thermal</b>			
Vicat Softening Temperature, (A/50 N)	160	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	110	°C	ISO 75B-1, -2