

Adstif HA612M

PP HOMO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	7	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1900	MPa	ISO 527
Yield stress	38	MPa	ISO 527
Yield strain	7	%	ISO 527
Strain at Break	20	%	ISO 527
Shore Hardness D (15s)	72	-	ISO 868

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	106	°C	ISO 75-1/-2
Vicat softening temperature A	158	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	900	kg/m³	ISO 1183

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break, TD	22	MPa	ASTM D 882
Elongation at Yield, TD	37	MPa	ASTM D 882
Thickness of specimen	860	%	ASTM D 882
Type of extrusion	cast	-	-
Thickness of specimen	0.05	mm	-

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Gloss	69	-	ASTM D 2457
Haze	5	%	ASTM D 1003

Characteristics
Processing

Film Extrusion

Special Characteristics

Heat aging stabilized, Transparent

Features

High Crystallinity, Homopolymer

Certifications

Food approval, Food approval 1935/2004/EC, Food approval 10/2011, Food Contact (FDA)

Applications

Packaging