

Adstif HA612M

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
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 D hardness	72	-	ISO 7619-1
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	106	°C	ISO 75-1/-2
Vicat softening temperature, A	158	°C	ISO 306
Optical properties			
ASTM Data			
Gloss	69	-	ASTM D 2457
Haze	5	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ISO 1183
Film Properties			
ASTM Data			
Tensile Strength at Yield, MD	22	MPa	ASTM D 882
Tensile Strength at Break, MD	37	MPa	ASTM D 882
Elongation at Break, MD	860	%	ASTM D 882
Type of extrusion	cast	-	-
Thickness of specimen	0.05	mm	-

Characteristics**Processing**

Film Extrusion

Special Characteristics

Heat stabilized or stable to heat, Transparent

Features

High Crystallinity, Homopolymer

Certifications

Food contact, Food approval 1935/2004/EC, Food approval 10/2011, Food approval FDA 21 CFR

Applications

Packaging

Regional Availability

Europe, Near East/Africa