

Adsyl 5 C 30 F

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	5.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
ASTM Data			
Melt Flow Index, MFI	5.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	21.4	MPa	ASTM D 638
Elongation at Yield	13	%	ASTM D 638
Izod Impact notched, 1/8 in	85.4	J/m	ASTM D 256
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	132	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	62	°C	ISO 75-1/-2
Vicat softening temperature, A	107	°C	ISO 306
ASTM Data			
DTUL @ 66 psi	62.8	°C	ASTM D 648
Optical properties			
ASTM Data			
Gloss	88	-	ASTM D 2457
Haze	0.6	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ISO 1183
Density	902	kg/m ³	ASTM D 792
Film Properties			
ISO Data			
Tensile Modulus, parallel	280	MPa	ISO 527-3
Tensile Modulus, normal	280	MPa	ISO 527-3
Stress at yield, parallel	14	MPa	ISO 527-3
Stress at yield, normal	14	MPa	ISO 527-3
Strain at yield, parallel	17	%	ISO 527-3
Strain at yield, normal	15	%	ISO 527-3
Stress at break, parallel	45	MPa	ISO 527-3
Stress at break, normal	35	MPa	ISO 527-3
Maximum strain, parallel	900	%	ISO 527-3
Maximum strain, normal	800	%	ISO 527-3
Type of extrusion	cast	-	-
Thickness of specimen	0.05	mm	-

Characteristics**Processing**

Film Extrusion

Applications

Packaging

Features

Heat Sealable

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

Certifications

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