

Adsyl 7416 XCP

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	21	MPa	ISO 527
Yield strain	14	%	ISO 527
Flexural modulus, 23°C	600	MPa	ISO 178
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	133	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	65	°C	ISO 75-1/-2
Vicat softening temperature, A	115	°C	ISO 306
Optical properties			
ASTM Data			
Gloss	90	-	ASTM D 2457
Haze	0.5	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ISO 1183
Film Properties			
ISO Data			
Tensile Modulus, parallel	290	MPa	ISO 527-3
Tensile Modulus, normal	320	MPa	ISO 527-3
Stress at yield, parallel	15	MPa	ISO 527-3
Stress at yield, normal	15	MPa	ISO 527-3
Strain at yield, parallel	19	%	ISO 527-3
Strain at yield, normal	12	%	ISO 527-3
Stress at break, parallel	40	MPa	ISO 527-3
Stress at break, normal	42	MPa	ISO 527-3
Maximum strain, parallel	950	%	ISO 527-3
Maximum strain, normal	900	%	ISO 527-3
Type of extrusion	cast	-	-
Thickness of specimen	0.05	mm	-

Characteristics**Processing**

Film Extrusion

Features

Heat Sealable

Certifications

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

Applications

Packaging

Regional Availability

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