

Adsyl 5 C 37 F ST
PP OTHERS

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	6	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	132	°C	ISO 11357-1/-3
Temp. of deflection under load (0.45 MPa)	61	°C	ISO 75-1/-2
Vicat softening temperature A	107	°C	ISO 306

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

Film Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus, parallel	260	MPa	ISO 527-3
Tensile Modulus, normal	240	MPa	ISO 527-3
Stress at Yield, parallel	15	MPa	ISO 527-3
Stress at Yield, normal	14	MPa	ISO 527-3
Strain at Yield, parallel	18	%	ISO 527-3
Strain at Yield, normal	16	%	ISO 527-3
Stress at Break, parallel	41	MPa	ISO 527-3
Stress at Break, normal	41	MPa	ISO 527-3
Maximum strain, parallel	900	%	ISO 527-3
Maximum strain, normal	900	%	ISO 527-3
Type of extrusion	cast	-	-
Thickness of specimen	0.05	mm	-

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Gloss	88	-	ASTM D 2457
Haze	0.9	%	ASTM D 1003

Characteristics
Processing

Film Extrusion

Additives

Antiblocking agent

Features

Heat Sealable

Certifications

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

Applications

Packaging