

Adflex X 500 F

TPO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	7.5	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	14	MPa	ISO 527
Strain at Break	>50	%	ISO 527
Flexural Modulus (23°C)	470	MPa	ISO 178
Notched Impact Strength (Izod)	14	kJ/m²	ISO 180/1A
Temperature	-40	°C	-
Shore Hardness D (15s)	50	-	ISO 868
ASTM Data			
Shore Hardness D (15s)	50	-	ASTM D 2240

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	60	°C	ISO 75-1/-2
Vicat softening temperature A	94	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	890	kg/m³	ISO 1183

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Gloss	60	-	ASTM D 2457
Haze	13	%	ASTM D 1003

Characteristics

Processing

Injection Molding, Film Extrusion, Coating

Special Characteristics

Impact modified, Heat aging stabilized, Transparent

Features

Blending Resin

Certifications

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

Applications

Packaging