

Adflex X 101 H
TPO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.0	%	ISO 294-4, 2577
Melt Flow Index, MFI	8	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	6	MPa	ISO 527
Yield strain	40	%	ISO 527
Stress at Break	10	MPa	ISO 527
Strain at Break	>50	%	ISO 527
Flexural Modulus (23°C)	80	MPa	ISO 178
Notched Impact Strength (Izod), 23°C	no break	kJ/m²	ISO 180/1A
Notched Impact Strength (Izod)	2	kJ/m²	ISO 180/1A
Temperature	-40	°C	-
Shore Hardness D (15s)	30	-	ISO 868
ASTM Data			
Tear Strength	67	kN/m	ASTM D 624

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	36	°C	ISO 75-1/-2
Vicat softening temperature A	55	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	880	kg/m³	ISO 1183

Characteristics
Features

Soft Feel

Certifications

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