

Adflex X 100 G

TPO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
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			
Stress at Break	10	MPa	ISO 527
Notched Impact Strength (Charpy), +23°C	no break	kJ/m ²	ISO 179/1eA
Flexural Modulus (23°C)	80	MPa	ISO 178
Notched Impact Strength (Izod)	4	kJ/m ²	ISO 180/1A
Temperature	-40	°C	-
Shore Hardness D (15s)	30	-	ISO 868

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	142	°C	ISO 11357-1/-3
Temp. of deflection under load (0.45 MPa)	40	°C	ISO 75-1/-2
Vicat softening temperature A	56	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	880	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Pellets, Natural Color

Special Characteristics

Impact modified

Features

Good Adhesion, Soft Feel

Certifications

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

Applications

Packaging, Sports Equipment