

Hifax CA 12 A

TPO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	0.8	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	9	MPa	ISO 527
Yield strain	35	%	ISO 527
Stress at Break	13	MPa	ISO 527
Strain at Break	>50	%	ISO 527
Notched Impact Strength (Charpy), +23°C	no break	kJ/m ²	ISO 179/1eA
Flexural Modulus (23°C)	330	MPa	ISO 178
Shore Hardness D (15s)	36	-	ISO 868

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	163	°C	ISO 11357-1/-3
Temp. of deflection under load (0.45 MPa)	50	°C	ISO 75-1/-2
Vicat softening temperature A	78	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	888	kg/m ³	ISO 1183

Characteristics

Processing

Other Extrusion, Blow Molding, Calendering, Wire/Cable Extrusion

Delivery form

Pellets, Natural Color

Special Characteristics

Impact modified

Features

Crosslinkable, Soft Feel

Chemical Resistance

General Chemical Resistance

Applications

Building Construction, Electrical and Electronical