

Hifax CA 138 A

TPO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	2.8	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	10	MPa	ISO 527
Yield strain	17	%	ISO 527
Stress at Break	12	MPa	ISO 527
Strain at Break	>50	%	ISO 527
Notched Impact Strength (Charpy), +23°C	75	kJ/m ²	ISO 179/1eA
Flexural Modulus (23°C)	400	MPa	ISO 178
Shore Hardness D (15s)	41	-	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)	55	°C	ISO 75-1/-2

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

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Gloss	20	-	ASTM D 2457

Characteristics

Processing

Injection Molding, Sheet Extrusion, Other Extrusion

Special Characteristics

Impact modified

Delivery form

Pellets, Natural Color

Applications

Automotive