

Hifax EP 3080

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	17	MPa	ISO 527
Yield strain	6	%	ISO 527
Stress at break	15	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	950	MPa	ISO 178
Charpy notched impact strength, +23°C	65	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	10	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	163	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	80	°C	ISO 75-1/-2
Vicat softening temperature, A	135	°C	ISO 306
Other properties			
Density	890	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Features

Copolymer

Delivery form

Pellets, Natural Color

Applications

Automotive

Special Characteristics

High impact or impact modified

Regional Availability

Europe, Near East/Africa