

Circulen EP310M HP

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			
Tensile Modulus	1050	MPa	ISO 527
Yield stress	21	MPa	ISO 527
Yield strain	6	%	ISO 527
Charpy notched impact strength, +23°C	45	kJ/m ²	ISO 179/1eA
Ball indentation hardness	46	MPa	ISO 2039-1
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	80	°C	ISO 75-1/-2
Vicat softening temperature, A	144	°C	ISO 306
Other properties			
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Film Extrusion

Special Characteristics

High impact or impact modified

Features

Heat Sealable, Copolymer, Impact Copolymer

Certifications

Contains renewable resources, Recycled Resin Content, Food contact

Applications

Packaging

Regional Availability

Europe, Near East/Africa