

Clyrell EC2340

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	6.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1160	MPa	ISO 527
Yield stress	26	MPa	ISO 527
Yield strain	12	%	ISO 527
Strain at break	>50	%	ISO 527
Charpy notched impact strength, +23°C	5.2	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	79	°C	ISO 75-1/-2
Vicat softening temperature, A	144	°C	ISO 306
Other properties			
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding, Film Extrusion, Calandring, Thermoforming

Special Characteristics

High impact or impact modified

Features

Blush Resistance/Low Crease Whitening, Good Adhesion, Copolymer, Impact Copolymer

Certifications

Food contact, Food approval 1935/2004/EC, Food approval 10/2011, Food approval FDA 21 CFR

Applications

Packaging

Regional Availability

Europe