

**Clyrell EC340Q**

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	22	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1150	MPa	ISO 527
Yield stress	23	MPa	ISO 527
Yield strain	13	%	ISO 527
Strain at break	>50	%	ISO 527
Charpy notched impact strength, +23°C	22	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	22	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	4.3	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	-20	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	88	°C	ISO 75-1/-2
Vicat softening temperature, A	127	°C	ISO 306
Vicat softening temperature, B	58	°C	ISO 306

Optical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Gloss	100	-	ASTM D 2457

Other properties	Value	Unit	Test Standard
Density	900	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

High impact or impact modified

**Features**

Blush Resistance/Low Crease Whitening, Nucleated, Copolymer, Impact Copolymer

**Certifications**

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

**Applications**

Packaging, Sports Equipment

**Regional Availability**

Europe, Near East/Africa