

**Clyrell EC340R**

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	26	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	1180	MPa	ISO 527
Yield stress	23	MPa	ISO 527
Yield strain	12	%	ISO 527
Strain at break	>50	%	ISO 527
Charpy notched impact strength, +23°C	6.1	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	90	°C	ISO 75-1/-2
Vicat softening temperature, A	123	°C	ISO 306
Vicat softening temperature, B	57	°C	ISO 306
<b>Optical properties</b>			
<b>ASTM Data</b>			
Haze	32	%	ASTM D 1003
<b>Other properties</b>			
Density	900	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

High impact or impact modified, Transparent

**Features**

Blush Resistance/Low Crease Whitening, Copolymer, Random Copolymer

**Certifications**

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

**Applications**

Sports Equipment

**Regional Availability**

Europe, Asia Pacific, Near East/Africa