

Clyrell EC340Q
 PP COPO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	22	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1150	MPa	ISO 527
Yield stress	23	MPa	ISO 527
Yield strain	13	%	ISO 527
Strain at Break	>50	%	ISO 527
Notched Impact Strength (Charpy), +23°C	22	kJ/m ²	ISO 179/1eA
Notched Impact Strength (Izod), 23°C	22	kJ/m ²	ISO 180/1A
Notched Impact Strength (Izod)	4.3	kJ/m ²	ISO 180/1A
Temperature	-20	°C	-

Thermal Properties	Value	Unit	Test Standard
ISO Data			
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, 50°C/h 50N	58	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	900	kg/m ³	ISO 1183

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Gloss	100	-	ASTM D 2457

Characteristics
Processing

Injection Molding

Special Characteristics

Impact modified

Features

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

Certifications

Food approval, Food approval 1935/2004/EC, Food approval 10/2011, Food Contact (FDA)

Applications

Packaging, Sports Equipment