

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

Disclaimer
Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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