

# Clyrell EC340Q

Polypropylene Impact Copolymer

LyondellBasell Industries

## Message:

Clyrell EC340Q is a specially designed nucleated polypropylene copolymer for injection moulding. Clyrell EC340Q offers an excellent impact / stiffness balance, easy processing, low stress whitening with very high gloss and low shrinkage for use in toys, sport, leisure, food packaging, containers, housewares, consumer goods and similar applications. The unique low shrinkage of Clyrell EC340Q suggests its potential use also in applications which are typically dominated by styrenics. This grade is suitable for food contact. Toy, houseware.

General Information			
Features	Nucleated		
Uses	Household goods		
	Food packaging		
	Food container		
	Sporting goods		
	Toys		
	Consumer goods application field		
RoHS Compliance	Contact manufacturer		
Appearance	Clear/transparent		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.6	MPa	ASTM D638
Flexural Modulus	981	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	59	J/m	ASTM D256
23°C	490	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648

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