

# Clyrell EC340R

Polypropylene  
LyondellBasell Industries

Message:

Clyrell EC340R is a clarified polyolefinic resin designed for injection moulding applications. Clyrell EC340R combines the aesthetic properties of a random with the impact-stiffness property of a heterophasic copolymer. Clyrell EC340R features is a high impact resistance at room and sub-zero temperature, good transparency and good resistance to stress whitening Clyrell EC340R can be used in clear impact container for food or non food applications, toys, housewares.

General Information			
Features	Low speed solidification crystal point		
	Copolymer		
	Stress whitening		
	Impact resistance, good		
	Workability, good		
	Heat sealable		
	Good toughness		
	Compliance of Food Exposure		
Uses	Films		
	Label		
	Laminate		
	Strap		
	Thermoformed container		
	Food packaging		
	Stationery		
RoHS Compliance	Contact manufacturer		
Appearance	Clear/transparent		
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)	25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.6	MPa	ASTM D638
Flexural Modulus	932	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	49	J/m	ASTM D256
23°C	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed)	93.0	°C	ASTM D648
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#### Recommended distributors for this material

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