

Clyrell RC1890

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1.7	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	500	MPa	ISO 527
Yield stress	18	MPa	ISO 527
Yield strain	16	%	ISO 527
Strain at break	>50	%	ISO 527
Charpy notched impact strength, +23°C	65	kJ/m ²	ISO 179/1eA

Optical properties	Value	Unit	Test Standard
ASTM Data			
Gloss	88	-	ASTM D 2457
Haze	1	%	ASTM D 1003

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

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield, MD	18	MPa	ASTM D 882
Tensile Strength at Break, MD	40	MPa	ASTM D 882
Elongation at Break, MD	730	%	ASTM D 882
Type of extrusion	cast	-	-
Thickness of specimen	0.05	mm	-

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion

Features

Copolymer

Certifications

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

Applications

Packaging

Regional Availability

Europe