

Clyrell RC1890

PP COPO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	1.7	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI 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
Notched Impact Strength (Charpy), +23°C	65	kJ/m ²	ISO 179/1eA

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

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

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

Characteristics
Processing

Film Extrusion, Blown Film Extrusion

Features

Copolymer

Certifications

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

Applications

Packaging