

Clyrell RC3261

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	10.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
ASTM Data			
Melt Flow Index, MFI	10.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	27	MPa	ISO 527
Yield strain	11	%	ISO 527
Stress at break	30	MPa	ISO 527
Strain at break	600	%	ISO 527
Flexural modulus, 23°C	1000	MPa	ISO 178
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	68	°C	ISO 75-1/-2
Vicat softening temperature, B	130	°C	ISO 306
Optical properties			
ASTM Data			
Gloss	90	-	ASTM D 2457
Haze	1	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ISO 1183
Density	900	kg/m ³	ASTM D 792
Film Properties			
ASTM Data			
Tensile Strength at Yield, MD	22	MPa	ASTM D 882
Tensile Strength at Break, MD	35	MPa	ASTM D 882
Elongation at Yield, MD	10	%	ASTM D 882
Elongation at Break, MD	750	%	ASTM D 882

Characteristics**Processing**

Film Extrusion

Additives

Antiblocking agent

Special Characteristics

Transparent

Features

Barrier Properties, High Gloss, Copolymer, Random Copolymer

Certifications

Food contact

Applications

Packaging

Regional Availability

Europe, Asia Pacific, Near East/Africa