

Clyrell RC3261
PP RANDOM

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	10.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Density, 73°F	900	kg/m³	ASTM D 792

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	10.5	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
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
Notched Impact Strength (Charpy), +23°C	6	kJ/m²	ISO 179/1eA
Flexural Modulus (23°C)	1000	MPa	ISO 178

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	68	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	130	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	900	kg/m³	ISO 1183

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break, TD	22	MPa	ASTM D 882
Elongation at Yield, TD	35	MPa	ASTM D 882
Elongation at Break, TD	10	%	ASTM D 882
Thickness of specimen	750	%	ASTM D 882

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Gloss	90	-	ASTM D 2457
Haze	1	%	ASTM D 1003

Characteristics
Processing

Film Extrusion

Additives

Antiblocking agent

Special Characteristics

Transparent

Features

Barrier Properties, High Gloss, Copolymer, Random Copolymer

Certifications

Food approval

Applications

Packaging