

**Clyrell RC3261**  
 PP RANDOM

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index	10.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Density, 73°F	900	kg/m <sup>3</sup>	ASTM D 792

Rheological properties	Value	Unit	Test Standard
<b>ISO Data</b>			
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
<b>ISO Data</b>			
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/m <sup>2</sup>	ISO 179/1eA
Flexural Modulus (23°C)	1000	MPa	ISO 178

Thermal Properties	Value	Unit	Test Standard
<b>ISO Data</b>			
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
<b>ISO Data</b>			
Density	900	kg/m <sup>3</sup>	ISO 1183

Film Properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
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
<b>ASTM Data</b>			
Gloss	90	-	ASTM D 2457
Haze	1	%	ASTM D 1003

**Characteristics**
**Processing**

Film Extrusion

**Features**

Barrier Properties, High Gloss, Copolymer, Random Copolymer

**Additives**

Antiblocking agent

**Certifications**

Food approval

**Special Characteristics**

Transparent

**Applications**

Packaging

**Disclaimer**
**Liability Exclusion**

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

Any information given on the chemical and physical characteristics of our products, including, without limitation, technical advice on applications, whether verbally, in writing or by testing the

product, is given to the best of our knowledge and in good faith and does not exempt the buyer from carrying out their own investigations and tests in order to ascertain the product's specific suitability for the purpose intended.

The buyer is solely responsible for confirming the suitability of the product for a particular application, its utilization and processing and must observe any applicable laws and government regulations. **NO EXPRESS OR IMPLIED RECOMMENDATION OR WARRANTY IS GIVEN WITH REGARD TO THE SUITABILITY OF THE PRODUCT FOR A PARTICULAR APPLICATION, SUCH AS, BUT NOT LIMITED TO, SAFETY-CRITICAL COMPONENTS OR SYSTEMS.**

**Healthcare uses:** the supply of any product by ALBIS for any medical, pharmaceutical or diagnostic application is conditional to an assessment by ALBIS in terms of compliance with ALBIS' internal risk management policy – even for products which are in general designated for use in Healthcare applications.

**Important:** irrespective of product type or designation, ALBIS does not recommend or support the use of any products it supplies which fall into the following medical, pharmaceutical or diagnostic application categories:

- risk class III applications according to EU directive 93/42/EEC
- any bodily implant application for greater than 30 days
- any critical component in any medical device that supports or sustains human life.

At all times, our standard terms and conditions of sale apply.