

Clyrell RC5056
PP OTHERS

LyondellBasell Industries

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

Mechanical Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	34.3	MPa	ASTM D 638
Elongation at Yield	10	%	ASTM D 638
Flexural Modulus	1373	MPa	ASTM D 790
Rockwell Hardness	R 102	-	ASTM D 785
Notched Impact Strength (Izod), 1/8 in	49	J/m	ASTM D 256

Thermal Properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	100	°C	ASTM D 648
Vicat Temperature	134	°C	ASTM D 1525

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Haze	9	%	ASTM D 1003

Characteristics

Processing

Injection Molding

Certifications

Food approval

Features

Copolymer, Random Copolymer

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.**

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