

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/m³	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