

Clyrell RC5056

PP

PolyMirae

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

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
Izod Impact notched, 1/8 in	47.1	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

Special Characteristics

Transparent

Features

Random Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

Asia Pacific, Near East/Africa