

Clyrell EC310K

PP

PolyMirae

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	3.5	g/10min	ISO 1133
Temperature	230	°C	-
ASTM Data			
Melt Flow Index, MFI	3.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
Value	Unit	Test Standard	
ISO Data			
Yield stress	27	MPa	ISO 527
Yield strain	12	%	ISO 527
Flexural modulus, 23°C	1150	MPa	ISO 178
Charpy notched impact strength, +23°C	20	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength at Yield	27.5	MPa	ASTM D 638
Elongation at Yield	10	%	ASTM D 638
Flexural Modulus	1118	MPa	ASTM D 790
Izod Impact notched, 1/8 in	102	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	22.1	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
Value	Unit	Test Standard	
ISO Data			
Temp. of deflection under load, 0.45 MPa	83	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	96	°C	ASTM D 648
Other properties			
Value	Unit	Test Standard	
Density	900	kg/m ³	ISO 1183
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Film Extrusion, Thermoforming

Special Characteristics

Heat stabilized or stable to heat

Features

Blush Resistance/Low Crease Whitening, Good Adhesion, Heat Sealable, Low Gel, Copolymer

Applications

Packaging

Regional Availability

Asia Pacific, Near East/Africa