

Clyrell EC2218

PP

PolyMirae

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133
Temperature	230	°C	-
ASTM Data			
Melt Flow Index, MFI	7	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data	Value	Unit	Test Standard
Yield stress	24	MPa	ISO 527
Yield strain	12	%	ISO 527
Flexural modulus, 23°C	1000	MPa	ISO 178
Izod notched impact strength, +23°C	14	kJ/m ²	ISO 180/1A
Izod notched impact strength	3	kJ/m ²	ISO 180/1A
Temperature	-20	°C	-
ASTM Data			
Tensile Strength at Yield	23.5	MPa	ASTM D 638
Flexural Modulus	981	MPa	ASTM D 790
Izod Impact notched, 1/8 in	132	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	27.9	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ISO Data	Value	Unit	Test Standard
Melting temperature, 10°C/min	163	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	87	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	87	°C	ASTM D 648
Other properties			
Value	Unit	Test Standard	
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Film Extrusion, Thermoforming

Applications

Packaging

Special Characteristics

Heat stabilized or stable to heat, Transparent

Regional Availability

Asia Pacific, Near East/Africa

Features

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