

**Moplen RP5050**

PP

PolyMirae

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	8	g/10min	ISO 1133
Temperature	230	°C	-
<b>ASTM Data</b>			
Melt Flow Index, MFI	8	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Flexural modulus, 23°C	750	MPa	ISO 178
Charpy impact strength, +23°C	115	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	3.5	kJ/m <sup>2</sup>	ISO 179/1eA
<b>ASTM Data</b>			
Tensile Strength at Yield	23.5	MPa	ASTM D 638
Elongation at Yield	11	%	ASTM D 638
Flexural Modulus	755	MPa	ASTM D 790
Rockwell Hardness	R 85	-	ASTM D 785
Izod Impact notched, 1/8 in	47.1	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	85	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	900	kg/m <sup>3</sup>	ISO 1183
Density	900	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Film Extrusion

**Special Characteristics**

Transparent

**Features**

Weldable, Random Copolymer

**Applications**

Packaging

**Regional Availability**

Asia Pacific, Near East/Africa