

Moplen EP2464

PP

PolyMirae

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1.3	g/10min	ISO 1133
Temperature	230	°C	-
Load	5	kg	-
ASTM Data			
Melt Flow Index, MFI	0.3	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1350	MPa	ISO 527
Yield stress	29	MPa	ISO 527
Yield strain	12	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	50	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength at Yield	29.4	MPa	ASTM D 638
Flexural Modulus	1305	MPa	ASTM D 790
Izod Impact notched, 1/8 in	N	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	47.1	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	77	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	110	°C	ASTM D 648
Other properties			
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Pipe/Tube Extrusion, Profile Extrusion, Other Extrusion, Blow Molding

Delivery form

Natural Color

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Features

Thermal Stability, Copolymer

Regional Availability

Asia Pacific, Near East/Africa