

Moplen EP300L

PP

PolyMirae

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	25.5	MPa	ASTM D 638
Elongation at Yield	6	%	ASTM D 638
Flexural Modulus	1030	MPa	ASTM D 790
Rockwell Hardness	R 90	-	ASTM D 785
Izod Impact notched, 1/8 in	472	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	75.9	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	90	°C	ASTM D 648
Vicat Temperature	150	°C	ASTM D 1525
Other properties			
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Features

Low Warpage, Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

Asia Pacific, Near East/Africa