

Moplen EP300R

PP

PolyMirae

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	30	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	23.5	MPa	ASTM D 638
Elongation at Yield	5	%	ASTM D 638
Flexural Modulus	1030	MPa	ASTM D 790
Rockwell Hardness	R 85	-	ASTM D 785
Izod Impact notched, 1/8 in	113	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	47.1	J/m	ASTM D 256
Temperature	-20	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	150	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Features

Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Electrical and Electronical, Packaging

Regional Availability

Asia Pacific, Near East/Africa