

Moplen EP642S

PP

PolyMirae

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	37	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	27.5	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	1570	MPa	ASTM D 790
Rockwell Hardness	R 98	-	ASTM D 785
Izod Impact notched, 1/8 in	75.9	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	37.5	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ASTM Data			
DTUL @ 66 psi	125	°C	ASTM D 648
Vicat Temperature	150	°C	ASTM D 1525
Other properties			
Density	900	kg/m ³	ASTM D 792

Characteristics**Features**

Low Warpage, Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Automotive, Packaging

Regional Availability

Asia Pacific, Near East/Africa