

Moplen EP640R

PP

PolyMirae

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	32	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	27.5	MPa	ASTM D 638
Elongation at Yield	5	%	ASTM D 638
Flexural Modulus	1570	MPa	ASTM D 790
Rockwell Hardness	R 98	-	ASTM D 785
Izod Impact notched, 1/8 in	84.6	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	37.5	J/m	ASTM D 256
Temperature	-20	°C	-

Other properties	Value	Unit	Test Standard
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

Applications

Electrical and Electronical, Packaging

Regional Availability

Asia Pacific, Near East/Africa