

Moplen HP640R

PP

PolyMirae

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	24	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	37.3	MPa	ASTM D 638
Elongation at Yield	10	%	ASTM D 638
Flexural Modulus	1864	MPa	ASTM D 790
Rockwell Hardness	R 110	-	ASTM D 785
Izod Impact notched, 1/8 in	24	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	122	°C	ASTM D 648
Other properties			
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

Transparent

Features

Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Packaging

Regional Availability

Asia Pacific, Near East/Africa