

Moplen RP344R

PP

PolyMirae

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	34	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	29.4	MPa	ASTM D 638
Elongation at Yield	8	%	ASTM D 638
Flexural Modulus	1226	MPa	ASTM D 790
Rockwell Hardness	R 90	-	ASTM D 785
Izod Impact notched, 1/8 in	47.1	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	19.2	J/m	ASTM D 256
Temperature	-20	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	95	°C	ASTM D 648

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	16	%	ASTM D 1003

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

Characteristics**Processing**

Injection Molding

Special Characteristics

Transparent

Features

Color Stability, Nucleated, Random Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

Asia Pacific, Near East/Africa