

## Moplen HP5030

PP

PolyMirae

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	33.4	MPa	ASTM D 638
Elongation at Break	400	%	ASTM D 638
Flexural Modulus	1472	MPa	ASTM D 790
Rockwell Hardness	R 104	-	ASTM D 785
Izod Impact notched, 1/8 in	24	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	105	°C	ASTM D 648

### Characteristics

#### Features

Gas Fading Resistance, Good Drawdown, Homopolymer

#### Certifications

Food contact, Food approval FDA 21 CFR

#### Applications

Multifilament

#### Regional Availability

Asia Pacific, Near East/Africa