

Moplen HP528N

PP

PolyMirae

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	12	g/10min	ISO 1133
Temperature	230	°C	-
ASTM Data			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1450	MPa	ISO 527
Charpy impact strength, +23°C	80	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	2	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength at Yield	31.4	MPa	ASTM D 638
Elongation at Yield	11	%	ASTM D 638
Flexural Modulus	1472	MPa	ASTM D 790
Rockwell Hardness	R 100	-	ASTM D 785
Izod Impact notched, 1/8 in	27.9	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	115	°C	ASTM D 648
Other properties			
Density	900	kg/m ³	ASTM D 792

Characteristics**Additives**

Antiblocking agent

Features

Homopolymer

Applications

Packaging

Regional Availability

Asia Pacific, Near East/Africa