

Moplen HP744T

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	70	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	38	MPa	ISO 527
Flexural modulus, 23°C	1950	MPa	ISO 178
Izod notched impact strength, +23°C	2	kJ/m ²	ISO 180/1A
Shore D hardness	72	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	105	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Features

Nucleated, Homopolymer

Certifications

Food contact

Applications

Automotive, Packaging

Regional Availability

Asia Pacific