

Moplen HP548S

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	35	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	33	MPa	ISO 527
Flexural modulus, 23°C	1450	MPa	ISO 178
Izod notched impact strength, +23°C	2.3	kJ/m ²	ISO 180/1A
Shore D hardness	73	-	ISO 7619-1
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	80	°C	ISO 75-1/-2
Other properties			
ISO Data			
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Certifications

Food contact

Special Characteristics

High impact or impact modified

Applications

Packaging

Features

Nucleated, Homopolymer

Regional Availability

Asia Pacific