

Moplen HP500D

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	35	MPa	ASTM D 638
Elongation at Yield	12	%	ASTM D 638
Flexural Modulus	1560	MPa	ASTM D 790
Izod Impact notched, 1/8 in	104	J/m	ASTM D 256
Other properties			
Density	900	kg/m ³	ASTM D 792

Characteristics

Processing

Pipe/Tube Extrusion, Profile Extrusion, Sheet Extrusion, Thermoforming

Special Characteristics

Heat stabilized or stable to heat

Features

Low Odor, Homopolymer

Chemical Resistance

General Chemical Resistance

Certifications

Food contact

Applications

Electrical and Electronical, Packaging

Regional Availability

Asia Pacific, Near East/Africa