

Moplen HP749J

PP HOMO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	3	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1900	MPa	ISO 527
Yield stress	40	MPa	ISO 527
Yield strain	8	%	ISO 527
Strain at Break	20	%	ISO 527
Notched Impact Strength (Charpy), +23°C	7	kJ/m ²	ISO 179/1eA

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature A	153	°C	ISO 306
Vicat softening temperature, 50°C/h 50N	99	°C	ISO 306

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

Characteristics

Processing

Profile Extrusion, Sheet Extrusion, Thermoforming

Applications

Packaging

Features

Foamable, Nucleated, Homopolymer