

CirculenRenew C14 HP456J

PP HOMO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	3.4	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	34	MPa	ISO 527
Yield strain	11	%	ISO 527
Stress at Break	21	MPa	ISO 527
Strain at Break	200	%	ISO 527
Flexural Modulus (23°C)	1500	MPa	ISO 178

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	91	°C	ISO 75-1/-2
Vicat softening temperature A	156	°C	ISO 306

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

Characteristics

Processing

Other Extrusion, Thermoforming

Certifications

Contains renewable resources, Recycled Resin Content

Features

Homopolymer

Applications

Monofilament