

CirculenRenew C14 EP348U

PP COPO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	70	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1200	MPa	ISO 527
Yield stress	24	MPa	ISO 527
Yield strain	4	%	ISO 527
Strain at Break	30	%	ISO 527
Notched Impact Strength (Charpy), +23°C	5.5	kJ/m ²	ISO 179/1eA
Ball Indentation Hardness	50	MPa	ISO 2039-1

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	92	°C	ISO 75-1/-2
Vicat softening temperature A	150	°C	ISO 306
Vicat softening temperature, 50°C/h 50N	65	°C	ISO 306

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

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Gloss	65	-	ASTM D 2457

Characteristics

Processing

Injection Molding

Special Characteristics

Anti-static, Impact modified, Opaque

Features

Nucleated, Copolymer, Impact Copolymer

Certifications

Contains renewable resources, Recycled Resin Content, Food approval

Applications

Packaging