

Moplen RP3456

PP RANDOM

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	100	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	26	MPa	ISO 527
Yield strain	26	%	ISO 527
Notched Impact Strength (Charpy), +23°C	5	kJ/m ²	ISO 179/1eA
Flexural Modulus (23°C)	950	MPa	ISO 178

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	70	°C	ISO 75-1/-2
Vicat softening temperature A	127	°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			
Haze	10	%	ASTM D 1003

Characteristics

Processing

Injection Molding

Features

Low Warpage, Nucleated, Copolymer, Random Copolymer

Special Characteristics

Anti-static, Transparent

Applications

Packaging, Sports Equipment