

Moplen RP2380

PP RANDOM

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	48	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1100	MPa	ISO 527
Yield stress	29	MPa	ISO 527
Yield strain	11	%	ISO 527
Strain at Break	>50	%	ISO 527
Notched Impact Strength (Charpy), +23°C	4.5	kJ/m ²	ISO 179/1eA

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	130	°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	9	%	ASTM D 1003

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

Anti-static, Transparent

Features

Nucleated, Copolymer, Random Copolymer

Applications

Packaging, Sports Equipment