

Moplen EP540N

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	12	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1500	MPa	ISO 527
Yield stress	28	MPa	ISO 527
Yield strain	5	%	ISO 527
Stress at break	18	MPa	ISO 527
Strain at break	150	%	ISO 527
Charpy notched impact strength, +23°C	7	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	163	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	100	°C	ISO 75-1/-2
Vicat softening temperature, A	151	°C	ISO 306
Other properties			
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Features

Nucleated, Copolymer, Impact Copolymer

Applications

Packaging, Sports Equipment

Regional Availability

Europe, Near East/Africa