

Moplen EP641P

PP OTHERS

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	20	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Density, 73°F	900	kg/m ³	ASTM D 792

Mechanical Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	27.5	MPa	ASTM D 638
Elongation at Yield	5	%	ASTM D 638
Flexural Modulus	1471	MPa	ASTM D 790
Rockwell Hardness	R 90	-	ASTM D 785
Notched Impact Strength (Izod), 1/8 in	108	J/m	ASTM D 256
Notched Impact Strength (Izod), Low-Temperature	49	J/m	ASTM D 256
Temperature	-20	°C	-

Thermal Properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	110	°C	ASTM D 648
Vicat Temperature	150	°C	ASTM D 1525

Characteristics

Processing

Injection Molding

Features

Copolymer, Impact Copolymer

Special Characteristics

Impact modified, Opaque

Applications

Electrical and Electronical