

Moplen RP5007K

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	75	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	30	MPa	ASTM D 638
Elongation at Yield	11	%	ASTM D 638
Flexural Modulus	1200	MPa	ASTM D 790
Rockwell Hardness	R 93	-	ASTM D 785
Izod Impact notched, 1/8 in	45	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified, Transparent

Features

Nucleated, Copolymer, Random Copolymer

Chemical Resistance

General Chemical Resistance

Certifications

Food contact

Applications

Packaging

Regional Availability

Asia Pacific, Near East/Africa