

Polypropylene PP 1452

PP

LyondellBasell Industries

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	25.9	MPa	ASTM D 638
Elongation at Yield	15	%	ASTM D 638
Flexural Modulus	1138	MPa	ASTM D 790
Rockwell Hardness	R70	-	ASTM D 785
Izod Impact notched, 1/8 in	107	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	90	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	902	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Chemical Resistance

General Chemical Resistance

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America