

Lupolen 5121 A (PE-HD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	5	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	21.6	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1050	MPa	ISO 527
Yield stress	25	MPa	ISO 527
Yield strain	7	%	ISO 527

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	131	°C	ISO 11357-1/-3

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	951	kg/m³	ISO 1183
Bulk density	500	kg/m³	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	180 - 220	°C	-

Characteristics

Processing

Other Extrusion, Blow Molding

Delivery form

Pellets

Special Characteristics

Impact modified

Chemical Resistance

General Chemical Resistance, Environmental Stress Crack Resistance, Oxidation Resistance

Applications

Packaging