

Lupolen 4261 A IM (PE-HD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	15	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	21.6	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	800	MPa	ISO 527
Yield stress	21	MPa	ISO 527
Yield strain	10	%	ISO 527

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	130	°C	ISO 11357-1/-3

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	940	kg/m³	ISO 1183
Bulk density	500	kg/m³	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	230 - 280	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

Impact modified

Chemical Resistance

General Chemical Resistance, Environmental Stress Crack Resistance, Oxidation Resistance

Applications

Automotive