

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

Disclaimer

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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