

Lucalen A 2700M (PE-LD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	7.2	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Stress at Break	11	MPa	ISO 527
Strain at Break	>50	%	ISO 527
Flexural Modulus (23°C)	42	MPa	ISO 178
Notched Impact Strength (Izod)	no break	kJ/m ²	ISO 180/1A
Temperature	-40	°C	-
Shore Hardness D (15s)	30	-	ISO 868

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	95	°C	ISO 11357-1/-3
Vicat softening temperature A	60	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	924	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding, Film Extrusion, Sheet Extrusion, Other Extrusion, Compression Molding, Blown Film Extrusion, Pipe/Tube Extrusion, Wire/Cable Extrusion

Delivery form

Pellets, Natural Color

Special Characteristics

Impact modified

Features

Good Adhesion, Soft Feel, Weldable

Chemical Resistance

General Chemical Resistance, Environmental Stress Crack Resistance

Certifications

Food approval, Food approval 1935/2004/EC, Food approval 10/2011