

Luflexen hyPE 35 P FA (PE-MD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	0.8	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	600	MPa	ISO 527
Yield stress	16	MPa	ISO 527

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature A	119	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	935	kg/m³	ISO 1183

Film Properties	Value	Unit	Test Standard
ISO Data			
Maximum strain, parallel	600	%	ISO 527-3
Maximum strain, normal	650	%	ISO 527-3
Type of extrusion	blown	-	-
Thickness of specimen	0.05	mm	-

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Gloss	50	-	ASTM D 2457
Haze	35	%	ASTM D 1003

Characteristics

Processing

Blown Film Extrusion

Delivery form

Pellets

Special Characteristics

Impact modified

Features

Low Gel

Chemical Resistance

Oxidation Resistance

Certifications

Food approval, Food approval 1935/2004/EC, Food approval 10/2011, Food Contact (FDA)

Applications

Packaging