

Lotrène® FE 3000

(PE-LD)

QAPCO

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.3	g/10min	ASTM D 1238

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	111	°C	ASTM D 3418
Vicat Temperature	95	°C	ASTM D 1525

Optical properties	Value	Unit	Test Standard
ASTM Data			
Gloss	50	-	ASTM D 2457
Haze	12	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	923	kg/m ³	ASTM D 792

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield, MD	11	MPa	ASTM D 882
Tensile Strength at Yield, TD	10	MPa	ASTM D 882
Tensile Strength at Break, MD	24	MPa	ASTM D 882
Tensile Strength at Break, TD	23	MPa	ASTM D 882
Elongation at Break, MD	400	%	ASTM D 882
Elongation at Break, TD	600	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.05	mm	-

Characteristics**Processing**

Blown Film Extrusion, Pipe/Tube Extrusion

Certifications

Food contact, Food approval FDA 21 CFR

Features

Low Odor

Regional Availability

Asia Pacific, Near East/Africa