

Malen E FABS 27-D022

(PE-LD)

Orlen S.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	2.5	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	250	MPa	ISO 527
Yield stress	10	MPa	ISO 527
Shore D hardness	48	-	ISO 7619-1
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	114	°C	ISO 11357-1/-3
Vicat softening temperature, A	91	°C	ISO 306
Optical properties			
ASTM Data			
Gloss	67	-	ASTM D 2457
Haze	10	%	ASTM D 1003
Other properties			
Density	925	kg/m ³	ISO 1183
Film Properties			
ISO Data			
Maximum strain, parallel	480	%	ISO 527-3
Maximum strain, normal	560	%	ISO 527-3
Dynamic coefficient of friction	0.1	-	ISO 8295
Type of extrusion	blown	-	-
Thickness of specimen	0.05	mm	-

Characteristics**Processing**

Injection Molding, Blown Film Extrusion, Film Extrusion

Delivery form

Pellets

Additives

Antiblocking agent

Features

Low Gel, Tribologic Grade

Chemical Resistance

Oxidation Resistance

Certifications

Food contact

Applications

Packaging

Regional Availability

Europe