

Malen E FABS 23-D006

(PE-LD)

Orlen S.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	0.75	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	250	MPa	ISO 527
Yield stress	11	MPa	ISO 527
Shore D hardness	50	-	ISO 7619-1
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	114	°C	ISO 11357-1/-3
Vicat softening temperature, A	96	°C	ISO 306
Optical properties			
ASTM Data			
Gloss	65	-	ASTM D 2457
Haze	8	%	ASTM D 1003
Other properties			
Density	925	kg/m ³	ISO 1183
Film Properties			
ISO Data			
Maximum strain, parallel	460	%	ISO 527-3
Maximum strain, normal	550	%	ISO 527-3
Dynamic coefficient of friction	0.18	-	ISO 8295
Type of extrusion	blown	-	-
Thickness of specimen	0.05	mm	-

Characteristics**Processing**

Blown Film Extrusion, Blow Molding

Delivery form

Pellets

Additives

Antiblocking agent

Special Characteristics

Transparent

Features

Low Gel, Melt Strength, Tribologic Grade

Chemical Resistance

Oxidation Resistance

Certifications

Food contact

Applications

Packaging

Regional Availability

Europe