

Promyde® BF940L

PA*

Nurel S.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	18	cm ³ /10min	ISO 1133
Temperature	275	°C	-
Load	5	kg	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	200	°C	ISO 11357-1/-3
Optical properties			
ASTM Data			
Haze	0.5	%	ASTM D 1003
Other properties			
Value			
Density	1110	kg/m ³	ISO 1183
Moisture Content	0.1	%	-
Film Properties			
ISO Data			
Stress at break, parallel	65	MPa	ISO 527-3
Maximum strain, parallel	400	%	ISO 527-3
Trouser Tear resistance, parallel	30	N/mm	ISO 6383-1
Dynamic coefficient of friction	0.25	-	ISO 8295
WVTR, 23°C/85%r.h.	20	g/(m ² *d)	ISO 15106-1/-2
Oxygen transmission rate, 23°C/0%r.h.	25	cm ³ /(m ² *d*bar)	ISO 15105-1/-2
Oxygen transmission rate, 23°C/85%r.h.	25	cm ³ /(m ² *d*bar)	ISO 15105-1/-2
Material specific properties			
ISO Data			
Viscosity number	263	cm ³ /g	ISO 307, 1157, 1628
Processing Recommendation Extrusion			
Value			
Pre-drying - Temperature	75 - 80	°C	-
Feed temperature	40 - 50	°C	-
Zone 1	210 - 250	°C	-
Nozzle temperature	240 - 250	°C	-

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion, Thermoforming

Certifications

Food contact

Additives

Lubricants

Applications

Packaging

Special Characteristics

Transparent

Regional Availability

Europe