

Promyde® BF740

PA*

Nurel S.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	20	cm ³ /10min	ISO 1133
Temperature	240	°C	-
Load	5	kg	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	185	°C	ISO 11357-1/-3
Optical properties			
ASTM Data			
Haze	0.5	%	ASTM D 1003
Other properties			
Value			
Density	1150	kg/m ³	ISO 1183
Moisture Content	0.1	%	-
Film Properties			
ISO Data			
Tensile Modulus, parallel	1250	MPa	ISO 527-3
Stress at break, parallel	45	MPa	ISO 527-3
Maximum strain, parallel	325	%	ISO 527-3
Trouser Tear resistance, parallel	32	N/mm	ISO 6383-1
WVTR, 23°C/85%r.h.	7	g/(m ² *d)	ISO 15106-1/-2
Oxygen transmission rate, 23°C/0%r.h.	15	cm ³ /(m ² *d*bar)	ISO 15105-1/-2
Oxygen transmission rate, 23°C/85%r.h.	20	cm ³ /(m ² *d*bar)	ISO 15105-1/-2
Processing Recommendation Extrusion			
Value			
Pre-drying - Temperature	<70	°C	-
Feed temperature	40 - 50	°C	-
Zone 1	200	°C	-
Zone 2	230	°C	-
Zone 3	240	°C	-
Nozzle temperature	240	°C	-

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion

Applications

Packaging

Special Characteristics

Transparent

Regional Availability

Europe

Features

Heat Sealable, Thermal Stability, Copolymer