

BorShape™ FX1002

PE

Borealis A/S

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	2	g/10min	ISO 1133
Temperature	190	°C	-
Load	5	kg	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	128	°C	ISO 11357-1/-3
Optical properties			
ASTM Data			
Gloss	10	-	ASTM D 2457
Haze	60	%	ASTM D 1003
Other properties			
Density	937	kg/m ³	ISO 1183
Film Properties			
ISO Data			
Tensile Modulus, parallel	450	MPa	ISO 527-3
Tensile Modulus, normal	550	MPa	ISO 527-3
Maximum strain, parallel	550	%	ISO 527-3
Maximum strain, normal	750	%	ISO 527-3
Dynamic coefficient of friction	0.4	-	ISO 8295
Type of extrusion	blown	-	-
Thickness of specimen	0.04	mm	-

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion

Chemical Resistance

Oxidation Resistance

Certifications

Food contact

Applications

Packaging

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa