

Bormed™ SC820CF-11

PP

Borealis A/S

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	3.9	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Flexural modulus, 23°C	550	MPa	ISO 178
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	141	°C	ISO 11357-1/-3
Optical properties			
ASTM Data			
Gloss	120	-	ASTM D 2457
Haze	1	%	ASTM D 1003
Film Properties			
ISO Data			
Tensile Modulus, parallel	330	MPa	ISO 527-3
Tensile Modulus, normal	330	MPa	ISO 527-3
Maximum strain, parallel	650	%	ISO 527-3
Maximum strain, normal	670	%	ISO 527-3
Dynamic coefficient of friction	0.7	-	ISO 8295
Thickness of specimen	0.05	mm	-

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion

Special Characteristics

High impact or impact modified, Sterilizable, Steam sterilization

Features

Barrier Properties, High Gloss, Copolymer, Random Copolymer

Certifications

Medical Grade, Device Master File

Applications

Medical, Packaging

Regional Availability

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