

Borstar® FB2230

PE

Borouge

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	5	kg	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	124	°C	ISO 11357-1/-3
Vicat softening temperature, A	101	°C	ISO 306
Optical properties			
ASTM Data			
Gloss	10	-	ASTM D 2457
Other properties			
Density	923	kg/m ³	ASTM D 792
Film Properties			
ISO Data			
Stress at yield, normal	12	MPa	ISO 527-3
Stress at break, parallel	50	MPa	ISO 527-3
Stress at break, normal	40	MPa	ISO 527-3
Maximum strain, parallel	550	%	ISO 527-3
Maximum strain, normal	750	%	ISO 527-3
Type of extrusion	blown	-	-
Thickness of specimen	0.04	mm	-
ASTM Data			
Tensile Modulus, MD	250	MPa	ASTM D 882
Tensile Modulus, TD	300	MPa	ASTM D 882

Characteristics**Processing**

Film Extrusion

Special Characteristics

High impact or impact modified

Features

Good Drawdown, Heat Sealable

Chemical Resistance

Environmental Stress Crack Resistance, Oxidation Resistance

Certifications

Food contact, Food approval 1935/2004/EC, Food approval 10/2011, Food approval FDA 21 CFR

Applications

Packaging

Regional Availability

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