

Borstar® FB2235

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

Additives

Antiblocking agent

Special Characteristics

High impact or impact modified

Features

Heat Sealable, Tribologic Grade

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