

Borstar® FB1370

PE

Borouge

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.5	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	5	kg	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	129	°C	ISO 11357-1/-3
Vicat softening temperature, A	113	°C	ISO 306
Other properties			
Density	938	kg/m ³	ASTM D 792
Film Properties			
ISO Data			
Stress at yield, normal	20	MPa	ISO 527-3
Stress at break, parallel	65	MPa	ISO 527-3
Stress at break, normal	50	MPa	ISO 527-3
Maximum strain, parallel	400	%	ISO 527-3
Maximum strain, normal	650	%	ISO 527-3
Type of extrusion	blown	-	-
Thickness of specimen	0.04	mm	-
ASTM Data			
Tensile Modulus, MD	550	MPa	ASTM D 882
Tensile Modulus, TD	650	MPa	ASTM D 882

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion, Sheet Extrusion, Other Extrusion

Features

Heat Sealable

Chemical Resistance

Environmental Stress Crack Resistance, Oxidation Resistance

Certifications

Food contact, Food approval 1935/2004/EC, Food approval 10/2011

Regional Availability

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