

Ecoflex® F Blend C1200

TPC

BASF

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	3.5	cm ³ /10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Melt flow index, MFI	3.8	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Shore D hardness	32	-	ISO 7619-1
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	115	°C	ISO 11357-1/-3
Vicat softening temperature, A	91	°C	ISO 306
Optical properties			
ASTM Data			
Light Transmittance	82	%	ASTM D 1003
Other properties			
Density	1260	kg/m ³	ISO 1183
Film Properties			
ISO Data			
Maximum stress, parallel	36	MPa	ISO 527-3
Maximum stress, normal	45	MPa	ISO 527-3
Maximum strain, parallel	560	%	ISO 527-3
Maximum strain, normal	710	%	ISO 527-3
Type of extrusion	blown	-	-
Thickness of specimen	0.05	mm	-

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion

Delivery form

Pellets

Special Characteristics

Transparent

Features

Thermal Stability, Weldable

Certifications

Biodegradable, Food contact, Compostable ISO 13432 (Producer), Compostable ASTM D6400 (Producer), Compostable GreenPla (Producer), Compostable ISO 13432 (Certificate), Compostable ASTM D6400 (Certificate), Compostable GreenPla (Certificate)

Applications

Packaging

Regional Availability

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