

TECHNICAL DATA SHEET

# Flexirene® FG 30 U

Versalis S.p.A  
(PE-LLD)

**Processing**

Blown film extrusion

**Delivery Form**

Pellets

**Features**

Heat sealable, Copolymer, Butene copolymer

**Chemical Resistance**

Oxidation resistance

**Applications**

General purpose, Packaging

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	1	g/10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	124	°C	ISO 11357-1/-3
Vicat softening temperature, A	105	°C	ISO 306
Optical Properties	Value	Unit	Standard
Gloss, 45°	50		ISO 2813
Haze	13		ISO 14782
Other Properties	Value	Unit	Standard
Density	925	kg/m <sup>3</sup>	ISO 1183
Film Properties	Value	Unit	Standard
Stress at yield, parallel	12	MPa	ISO 527-3
Stress at yield, normal	13	MPa	ISO 527-3
Stress at break, parallel	45	MPa	ISO 527-3
Stress at break, normal	33	MPa	ISO 527-3
Maximum strain, parallel	600	%	ISO 527-3
Maximum strain, normal	800	%	ISO 527-3
Dynamic coefficient of friction	0.5		ISO 8295
Type of extrusion	blown		

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Film Properties	Value	Unit	Standard
Thickness of specimen	0.025	mm	