

TECHNICAL DATA SHEET

Clearflex® H&T; FGH 196

Versalis S.p.A
(PE-LLD)

Processing

Blown film extrusion

Delivery Form

Pellets

Special Characteristics

High impact or impact modified

Features

Heat sealable, Copolymer, Hexene copolymer

Chemical Resistance

Oxidation resistance

Applications

Packaging

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	0.9	g/10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	123	°C	ISO 11357-1/-3
Vicat softening temperature, A	95	°C	ISO 306
Optical Properties	Value	Unit	Standard
Gloss, 45°	70		ISO 2813
Haze	7		ISO 14782
Other Properties	Value	Unit	Standard
Density	916	kg/m ³	ISO 1183
Film Properties	Value	Unit	Standard
Stress at yield, parallel	8	MPa	ISO 527-3
Stress at yield, normal	9	MPa	ISO 527-3
Stress at break, parallel	40	MPa	ISO 527-3
Stress at break, normal	35	MPa	ISO 527-3
Maximum strain, parallel	500	%	ISO 527-3
Maximum strain, normal	700	%	ISO 527-3
Dynamic coefficient of friction	0.5		ISO 8295

Clearflex® H&T; FGH 196

Versalis S.p.A

Film Properties	Value	Unit	Standard
Type of extrusion	blown		
Thickness of specimen	0.025	mm	