

TECHNICAL DATA SHEET

# Clearflex® CL 106

Versalis S.p.A  
(PE-LLD)

**Processing**

Film extrusion

**Delivery Form**

Pellets

**Special Characteristics**

High impact or impact modified

**Features**

Copolymer, Hexene copolymer

**Chemical Resistance**

Oxidation resistance

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	3.2	g/10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	125	°C	ISO 11357-1/-3
Coeff. of linear therm. expansion, parallel	38	E-6/K	ISO 11359-1/-2
Optical Properties	Value	Unit	Standard
Gloss, 45°	90		ISO 2813
Haze	2.5		ISO 14782
Other Properties	Value	Unit	Standard
Density	920	kg/m <sup>3</sup>	ISO 1183
Film Properties	Value	Unit	Standard
Stress at yield, parallel	10	MPa	ISO 527-3
Stress at yield, normal	10	MPa	ISO 527-3
Stress at break, normal	29	MPa	ISO 527-3
Maximum strain, parallel	500	%	ISO 527-3
Maximum strain, normal	800	%	ISO 527-3
Dynamic coefficient of friction	0.5		ISO 8295
Type of extrusion	cast		
Thickness of specimen	0.023	mm	