

**TECHNICAL DATA SHEET**

# Greenflex® FC 45

Versalis S.p.A

EVAC

**Processing**

Blown film extrusion

**Delivery Form**

Pellets

**Special Characteristics**

High impact or impact modified

**Features**

Copolymer

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	0.3	g/10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Mechanical Properties	Value	Unit	Standard
Shore D hardness	40		ISO 7619-1
Shore A hardness, 15s	92		ISO 7619-1
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	93	°C	ISO 11357-1/-3
Coeff. of linear therm. expansion, parallel	30	E-6/K	ISO 11359-1/-2
Optical Properties	Value	Unit	Standard
Gloss, 45°	80		ISO 2813
Haze	2		ISO 14782
Film Properties	Value	Unit	Standard
Stress at yield, parallel	5	MPa	ISO 527-3
Stress at yield, normal	4	MPa	ISO 527-3
Stress at break, normal	30	MPa	ISO 527-3
Maximum strain, parallel	490	%	ISO 527-3
Maximum strain, normal	650	%	ISO 527-3
Dynamic coefficient of friction	0.5		ISO 8295
Type of extrusion	blown		
Thickness of specimen	0.07	mm	