

TECHNICAL DATA SHEET

Greenflex® FD 53

Versalis S.p.A

EVAC

Processing

Blown film extrusion

Delivery Form

Pellets

Additives

Antiblocking agent

Features

Good adhesion, Copolymer

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	0.4	g/10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Mechanical Properties	Value	Unit	Standard
Shore D hardness	39		ISO 7619-1
Shore A hardness, 15s	90		ISO 7619-1
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	88	°C	ISO 11357-1/-3
Coeff. of linear therm. expansion, parallel	35	E-6/K	ISO 11359-1/-2
Optical Properties	Value	Unit	Standard
Gloss, 45°	72		ISO 2813
Haze	8		ISO 14782
Film Properties	Value	Unit	Standard
Stress at yield, parallel	4.5	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	450	%	ISO 527-3
Maximum strain, normal	700	%	ISO 527-3
Dynamic coefficient of friction	0.5		ISO 8295
Type of extrusion	blown		
Thickness of specimen	0.07	mm	