

TECHNICAL DATA SHEET

Greenflex® FD 20

Versalis S.p.A
EVAC

Processing

Blown film extrusion

Delivery Form

Pellets

Special Characteristics

High impact or impact modified

Features

Copolymer

Applications

Packaging, Refrigeration

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	0.5	g/10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Mechanical Properties	Value	Unit	Standard
Shore D hardness	44		ISO 7619-1
Shore A hardness, 15s	95		ISO 7619-1
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	104	°C	ISO 11357-1/-3
Coeff. of linear therm. expansion, parallel	26	E-6/K	ISO 11359-1/-2
Optical Properties	Value	Unit	Standard
Gloss, 45°	73		ISO 2813
Haze	4		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	26	MPa	ISO 527-3
Maximum strain, parallel	450	%	ISO 527-3
Maximum strain, normal	600	%	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	0.07	mm	