

TECHNICAL DATA SHEET

Riblene® FC 40

Versalis S.p.A
(PE-LD)

Processing

Blown film extrusion

Delivery Form

Pellets

Features

Melt strength

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	0.27	g/10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	116	°C	ISO 11357-1/-3
Coeff. of linear therm. expansion, parallel	28	E-6/K	ISO 11359-1/-2
Optical Properties	Value	Unit	Standard
Gloss, 45°	70		ISO 2813
Haze	6.5		ISO 14782
Other Properties	Value	Unit	Standard
Density	928	kg/m ³	ISO 1183
Film Properties	Value	Unit	Standard
Stress at yield, parallel	12	MPa	ISO 527-3
Stress at yield, normal	12	MPa	ISO 527-3
Stress at break, normal	28	MPa	ISO 527-3
Maximum strain, parallel	550	%	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	