

TECHNICAL DATA SHEET

Flexirene® CM 50

Versalis S.p.A
(PE-MD)

Processing

Film extrusion

Delivery Form

Pellets

Chemical Resistance

Oxidation resistance

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	4.1	g/10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	127	°C	ISO 11357-1/-3
Coeff. of linear therm. expansion, parallel	25	E-6/K	ISO 11359-1/-2
Optical Properties	Value	Unit	Standard
Gloss, 45°	75		ISO 2813
Haze	8		ISO 14782
Other Properties	Value	Unit	Standard
Density	938	kg/m ³	ISO 1183
Film Properties	Value	Unit	Standard
Stress at yield, parallel	17	MPa	ISO 527-3
Stress at yield, normal	16	MPa	ISO 527-3
Stress at break, normal	20	MPa	ISO 527-3
Maximum strain, parallel	600	%	ISO 527-3
Maximum strain, normal	700	%	ISO 527-3
Type of extrusion	cast		
Thickness of specimen	0.023	mm	