

TECHNICAL DATA SHEET

Flexirene® FH 56 A

Versalis S.p.A
(PE-LLD)

Processing

Blown film extrusion

Delivery Form

Pellets

Features

Blending resin, Copolymer, Butene copolymer

Chemical Resistance

Oxidation resistance

Applications

General purpose

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	1.4	g/10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	126	°C	ISO 11357-1/-3
Vicat softening temperature, A	117	°C	ISO 306
Optical Properties	Value	Unit	Standard
Gloss, 45°	50		ISO 2813
Haze	14		ISO 14782
Other Properties	Value	Unit	Standard
Density	934	kg/m ³	ISO 1183
Film Properties	Value	Unit	Standard
Stress at yield, parallel	16	MPa	ISO 527-3
Stress at yield, normal	18	MPa	ISO 527-3
Stress at break, parallel	40	MPa	ISO 527-3
Stress at break, normal	32	MPa	ISO 527-3
Maximum strain, parallel	650	%	ISO 527-3
Maximum strain, normal	800	%	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	0.025	mm	