

TECHNICAL DATA SHEET

Flexirene® MS 20 U

Versalis S.p.A
(PE-LLD)

Processing

Injection molding

Delivery Form

Pellets

Chemical Resistance

General chemical resistance, Oxidation resistance

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	26	g/10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Mechanical Properties	Value	Unit	Standard
Yield stress	9	MPa	ISO 527
Stress at break	10	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	150	MPa	ISO 178
Shore D hardness	48		ISO 7619-1
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	116	°C	ISO 11357-1/-3
Vicat softening temperature, A	88	°C	ISO 306
Other Properties	Value	Unit	Standard
Density	922	kg/m ³	ISO 1183