

TECHNICAL DATA SHEET

# Flexirene® MR 50 U

Versalis S.p.A  
(PE-LLD)

**Processing**

Injection molding

**Delivery Form**

Pellets

**Chemical Resistance**

Oxidation resistance

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	22	g/10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Mechanical Properties	Value	Unit	Standard
Yield stress	15	MPa	ISO 527
Stress at break	15	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	500	MPa	ISO 178
Shore D hardness	56		ISO 7619-1
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	126	°C	ISO 11357-1/-3
Vicat softening temperature, A	113	°C	ISO 306
Other Properties	Value	Unit	Standard
Density	939	kg/m <sup>3</sup>	ISO 1183