

TECHNICAL DATA SHEET

# Flexirene® MS 40 A

Versalis S.p.A  
(PE-MD)

**Processing**

Injection molding

**Delivery Form**

Pellets

**Chemical Resistance**

Oxidation resistance

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	27	g/10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Mechanical Properties	Value	Unit	Standard
Yield stress	11	MPa	ISO 527
Stress at break	12	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	300	MPa	ISO 178
Shore D hardness	52		ISO 7619-1
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	119	°C	ISO 11357-1/-3
Other Properties	Value	Unit	Standard
Density	930	kg/m <sup>3</sup>	ISO 1183