

TECHNICAL DATA SHEET

Clearflex® RM 50 U

Versalis S.p.A
 (PE-MD)

Processing

Rotational molding

Delivery Form

Pellets

Special Characteristics

U.V. stabilized or stable to weather

Chemical Resistance

Environmental stress crack resistance, Oxidation resistance

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	4	g/10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Mechanical Properties	Value	Unit	Standard
Yield stress	18	MPa	ISO 527
Stress at break	21	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	690	MPa	ISO 178
Shore D hardness	54		ISO 7619-1
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	126	°C	ISO 11357-1/-3
Other Properties	Value	Unit	Standard
Density	936	kg/m ³	ISO 1183