

TECHNICAL DATA SHEET

# Clearflex® RL 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	3.5	g/10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Mechanical Properties	Value	Unit	Standard
Yield stress	19	MPa	ISO 527
Stress at break	20	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	730	MPa	ISO 178
Shore D hardness	55		ISO 7619-1
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	128	°C	ISO 11357-1/-3