

TECHNICAL DATA SHEET

LUMICENE® mPE M 4041 UV

TotalEnergies

Processing

Rotational molding

Delivery Form

Pellets, Natural color

Special Characteristics

U.V. stabilized or stable to weather

Features

Foamable

Product Text

Product Information

Lumicene mPE M 4041 UV is a metallocene based Medium Density Polyethylene with hexene as comonomer.

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
Tensile modulus	730	MPa	ISO 527
Yield stress	20	MPa	ISO 527
Poisson's ratio	0.35		ISO 527
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	125	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	84	°C	ISO 75-1/-2
Vicat softening temperature, A	121	°C	ISO 306
Other Properties	Value	Unit	Standard
Density	940	kg/m ³	ISO 1183