

LUMICENE® M6823MZ

PP

TotalEnergies

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	30	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	1241	MPa	ASTM D 638
Flexural Modulus	1193	MPa	ASTM D 790
Izod Impact notched, 1/8 in	37.4	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	88.9	°C	ASTM D 648
Melting Temperature	136	°C	ASTM D 3418

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	8	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Features

Copolymer