

**LUMICENE® M8825KZ**

PP

TotalEnergies

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

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
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
<b>ASTM Data</b>			
DTUL @ 66 psi	88.9	°C	ASTM D 648
Melting Temperature	136	°C	ASTM D 3418

Optical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Haze	8	%	ASTM D 1003

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

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	200 - 232	°C	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Anti-static, High impact or impact modified, Transparent

**Features**

High Gloss, Low Emission, Copolymer, Random Copolymer

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

Automotive, Electrical and Electronical, Medical, Packaging

**Regional Availability**

North America