

Globalene 8182

PP

LCY Chemical Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.019	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	28.5	MPa	ASTM D 638
Elongation at Yield	13	%	ASTM D 638
Flexural Modulus	991	MPa	ASTM D 790
Rockwell Hardness	R 84	-	ASTM D 785
Izod Impact notched, 1/8 in	43	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94

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

Characteristics**Processing**

Sheet Extrusion, Blow Molding

Delivery form

Pellets

Special Characteristics

High impact or impact modified, Transparent

Features

Random Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America, Asia Pacific