

Osterlene® PPC08N-SHI

PP

Osterman's Engineered Polymers Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	8	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1320	MPa	ISO 527
Yield stress	25.8	MPa	ISO 527
Yield strain	4	%	ISO 527
Flexural modulus, 23°C	1250	MPa	ISO 178
Charpy notched impact strength, +23°C	13	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	4.62	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	12.8	kJ/m ²	ISO 180/1A
Izod notched impact strength	3.99	kJ/m ²	ISO 180/1A
Temperature	-40	°C	-
ASTM Data			
Tensile Strength at Yield	25.9	MPa	ASTM D 638
Elongation at Yield	5.2	%	ASTM D 638
Flexural Modulus	1358	MPa	ASTM D 790
Izod Impact notched, 1/8 in	214	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	52	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	92	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	100	°C	ASTM D 648
Other properties			
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Features

High Crystallinity, Nucleated, Copolymer, Impact Copolymer

Applications

Automotive, Packaging

Regional Availability

North America