

Osterlene® PPC20-2.7

PP

Osterman's Engineered Polymers Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1320	MPa	ISO 527
Yield stress	24.3	MPa	ISO 527
Strain at break	3.4	%	ISO 527
Flexural modulus, 23°C	1250	MPa	ISO 178
Izod notched impact strength, +23°C	8.41	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	24.4	MPa	ASTM D 638
Elongation at Yield	4.4	%	ASTM D 638
Flexural Modulus	1289	MPa	ASTM D 790
Izod Impact notched, 1/8 in	144	J/m	ASTM D 256
Other properties			
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Applications

Packaging

Special Characteristics

High impact or impact modified

Regional Availability

North America

Features

High Crystallinity, Low Warpage, Thermal Stability, Copolymer, Impact Copolymer