

Osterlene® PPC12-SHI

PP

Osterman's Engineered Polymers Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	22.8	MPa	ASTM D 638
Elongation at Yield	5	%	ASTM D 638
Rockwell Hardness	R 90	-	ASTM D 785
Izod Impact notched, 1/8 in	534	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	74.7	J/m	ASTM D 256
Temperature	-17.8	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	101	°C	ASTM D 648
DTUL @ 264 psi	54.4	°C	ASTM D 648

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

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Features

Copolymer