

OR.211651

PP

Oceanworks, Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	27	MPa	ASTM D 638
Elongation at Yield	10	%	ASTM D 638
Flexural Modulus	1300	MPa	ASTM D 790
Flexural Strength	33.5	MPa	ASTM D 790
Izod Impact notched, 1/8 in	25	J/m	ASTM D 256
Thermal properties			
ASTM Data			
Melting Temperature	160	°C	ASTM D 3418
Other properties			
Density	910	kg/m ³	ASTM D 792
Moisture Content	0.25	%	-
Other Standards^[5]			
Color L	60	-	-
Color b	12	-	-

S: These properties are reported by the producer according standards that are different to our defaults.

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Transparent

Certifications

Recycled Resin Content, Post-Consumer Recyclate, Food contact, Food approval FDA 21 CFR, RoHS compliant, REACH

Regional Availability

North America, Europe, Asia Pacific