

OR.190252

PP

Oceanworks, Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	3.55	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Other Standards^[S]			
Mold Shrinkage, MD	0.018	mm/mm	

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

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	900	MPa	ISO 527
Stress at break	30	MPa	ISO 527
Charpy impact strength, +23°C	115	kJ/m ²	ISO 179/1eU
ASTM Data			
Tensile Strength at Yield	33.5	MPa	ASTM D 638
Elongation at Yield	12.3	%	ASTM D 638
Elongation at Break	587	%	ASTM D 638

Other properties	Value	Unit	Test Standard
Density	920	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2	h	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Certifications

Recycled Resin Content, Post-Consumer Recyclate, RoHS compliant, REACH

Regional Availability

North America, Europe, Asia Pacific