

Product Texts

Regranulated polypropylene from ocean-bound plastic waste.
Origin of material: 100% ocean-bound material.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	15	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1200	MPa	ISO 527
Yield stress	31	MPa	ISO 527
Yield strain	10	%	ISO 527
Flexural modulus, 23°C	1410	MPa	ISO 178
Charpy impact strength, +23°C	105	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	2.5	kJ/m ²	ISO 179/1eA

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ISO 1183
Moisture Content	1	%	-

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Certifications

Recycled Resin Content, Food contact, Food approval FDA 21 CFR, RoHS compliant

Regional Availability

North America, Europe, Asia Pacific