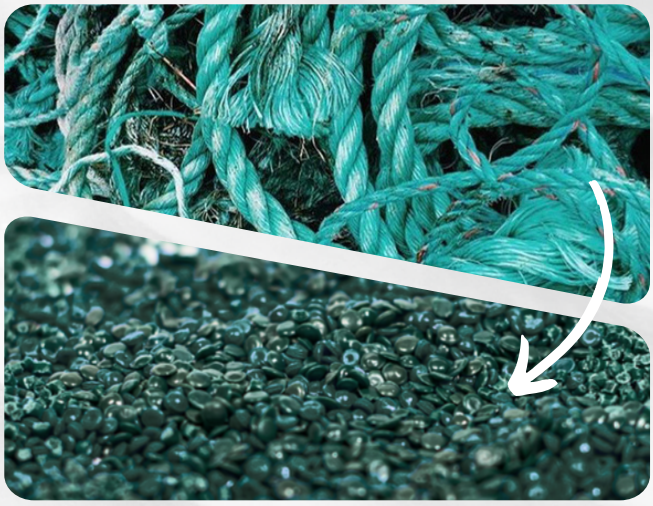
PP PELLETS

Description

Our high-density polyethylene and polypropylene pellets are the result of the recycling process of marine ropes.

Given its low MFI, it is an easy material to inject and extrude, making it ideal for application in furniture as well as in more technical products.

Material distribution	%
HDPE Marine Ropes	46
PP Marine Ropes	54



Properties	Norm	Units	Value
Tensile module		Mpa	703 ± 12.3
Yield stress		Mpa	28.4 ± 0.551
Deformation at the yield point		%	9.6± 0.097
Tensile strength	UNE EN ISO 527	Mpa	28.4 ± 0.551
Tensile strain		%	9.6 ± 0.097
Tensile strength at break		Mpa	9.96 ± 1.08
Tensile strain at break		%	110 ± 12
Flexural modulus		Mpa	1200 ± 2.83
Flexural strength	UNE EN ISO 178	Mpa	37.1 ± 0.106
Deformation in bending resistance		%	7.6 ± 0.073
Impact resistence	UNE EN ISO 179-1/1eA	kJ/m2	3.26 ± 0.06
Melt Flow index	UNE EN ISO 1133	g/10min	3.86 ± 0.07
Density	UNE EN ISO 1183-1	g/cm3	0.923 ± 0.001

* These data are very useful for choosing the material. The data appearing in this list are indicative values and should not be used to establish material specification limits. From these values no legal binding of security of certain properties or the suitability of a specific application can be deduced.