

HDPE PELLETS

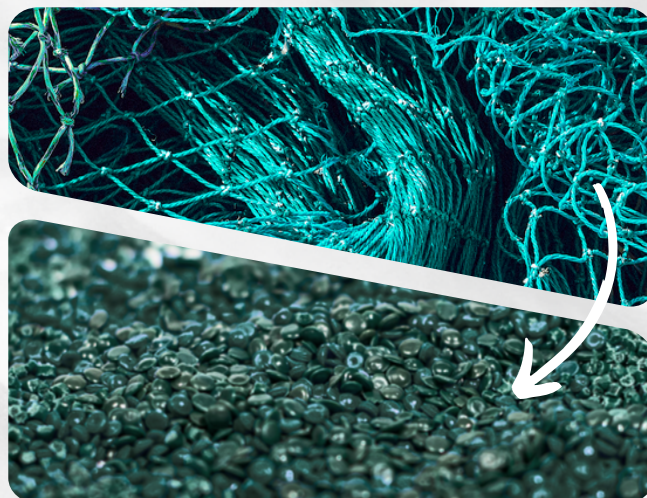


Description

Our **high-density polyethylene** pellets are the result of the fishing net recycling process.

With a characteristic dark green tone, it is a material suitable for injection processes in furniture pieces such as profile extrusion.

Material Distribution	%
HDPE - Fishing nets	100



Properties	Norm	Units	Value
Tensile module		Mpa	515 ± 19.1
Yield stress		Mpa	20.9 ± 0.180
Deformation at the yield point		%	12 ± 0.15
Tensile strength	UNE EN ISO 527	Mpa	20.9 ± 0.180
Tensile strain		%	12 ± 0.15
Tensile strength at break		Mpa	8.35 ± 2.46
Tensile strain at break		%	150 ± 20
Flexural modulus		Mpa	782 ± 10.1
Flexural strength	UNE EN ISO 178	Mpa	21.7 ± 0.127
Deformation in bending resistance		%	7.8 ± 0.081
Impact resistance	UNE EN ISO 179-1/1eA	kJ/m2	14.8 ± 0.44
Melt Flow index	UNE EN ISO 1133	g/10min	0.98 ± 0.1
Density	UNE EN ISO 1183-1	g/cm3	0.952 ± 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.

