

**Product Texts**

Regranulated polyethyleneterephthalate from ocean-bound waste (crystallized).

Origin of material: 100% ocean-bound material.

Applications: Injection moulding, bottle grade, film, filament, yarn & fiber.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	2150	MPa	ISO 527
Yield stress	54	MPa	ISO 527
Yield strain	3.2	%	ISO 527
Flexural modulus, 23°C	2600	MPa	ISO 178
Charpy impact strength, +23°C	97	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	4.4	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	1370	kg/m <sup>3</sup>	ISO 1183
Intrinsic Viscosity	0.7	dl/g	-
Color L	70 <sup>(1)</sup>	-	CIE
Color b	0 <sup>(1)</sup>	-	CIE
Moisture Content	0.25	%	-

1: Amorphous chips

**Characteristics****Processing**

Injection Molding, Fiber Extrusion, Film Extrusion

**Delivery form**

Pellets

**Special Characteristics**

Transparent

**Certifications**

Recycled Resin Content, Food contact, Food approval 10/2011, Food approval FDA 21 CFR, RoHS compliant

**Applications**

Electrical and Electronical, Packaging

**Regional Availability**

North America, Europe, Asia Pacific