

POLYETHYLENE PEHD P 131 (CRBB) PE 80

PE grade code: High Density Polyethylene (Post-Consumer Recycled)

Stabilization recipe: Antiacid, antioxidant

thermostabilized processing aid,

dispersing agent carbon black.

Application: Pipe and cable protection pipe,

Extrusion, no pressure pipe.

<u>PHYSICAL PROPERTY</u>	<u>UNIT</u>	<u>VALUE</u>	<u>ANALYSIS METOD</u>
Compound Density at 23°C, in the range	g/cm ³	0,950 – 0,969	ISO 1183
Melt Flow Index MFI (190°C / 5Kg)	g/10'	1,3 – 2	UNI 1133T
PP Content (DSC)	%	< 5	-
OIT 210°C	min	> 10	ISO 11357
<u>MECHANICAL</u>			
Tensile strenght at yield (23°C 50mm/min)	Mpa kgf/cm ²	> 20	UNI 5819
Tensile strenght at break (23°C 50mm/min)	Mpa kgf/cm ²	> 28	UNI 5819
Elongation at break (23°C 50mm/min)	%	> 600	UNI 5819
Elastic modulus	Mpa	> 700	UNI EN ISO 527-2
<u>PIGMENTATION</u>			
Carbon black content	%	2	-
Ash Content	%	< 5	ASTM D1603

Additional Reference Properties

Supply form: Pellets

Packing: Product is packed into soft containers (big bags) sized for 1000 – 1300 Kg. Upon agreement with a customer PE pellets may be bulk loaded straight into wagons for pelletized polymer materials and into polymer trucks, as well as may be delivered in bags by railcars.

Transportation: By all modes of transport.

Storage: Polyethylene shall be stored in enclosed dry space preventing from direct sunlight on shelves or pallets at least 5 cm from the floor and at least 1 m from heaters, at temperature max 30°C, relative humidity max 80%.
Prior to processing bags with polymer shall be kept in production area for at least 12 hrs.