

**PPN LO**



**DESCRIPTION:**

PPN LO is a random copolymer polypropylene resin 100% postconsumer recycled (PCR), obtained from the extrusion of colorless flake which is subjected to a hot washing process of the highest quality.

In the extrusion process, it has double filtration, the first with double 80 mesh mesh and the second with double 120 mesh mesh.

It is subjected to a thermophysical cleaning process that eliminates odors and highly volatile substances.

**PROCESSES**

Blow Molding.

**Control Properties**

	METHOD	UNITS	VALUES
Melt Flow index (230°C/2.16Kg)	ASTM D 1238	g/10min	2.5
Volatiles	GAS CHROMATOGRAPHY	ppb	<300
LNO FDA	---	---	PNC 3110

**Typical Properties**

Tensile Strength at Yield	AST M D638	MPa	28
Tensile Strength at Break	AST M D638	MPa	18
Strain at Yield	AST M D638	%	12.5
Strain at Break	AST M D638	%	240
Flexural Modulus (Secant 1%)	ASTM D790	MPa	1011
Izod Impact Strength <sup>1</sup>	ASTM D256/A	J/m	389.9
Rockwell Hardness	ASTM D785	--	86
HDT at 0.455 MPa	ASTM D648	°C	94

**Notes:**

The rPP is intended for use up to 100% recycled content for the manufacture of rigid articles (e.g., beverage bottle caps, coffee containers, take-out food containers, and microwaveable food containers) for contact with all food types under Conditions of Use (COU) A through H and J (Microwave-Only Containers). (PNC) No. 3110.

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