

**H99N LO**



**DESCRIPTION:**

H99N LO is a High Density Polyethylene resin 100% postconsumer recycled (PCR), obtained from the extrusion of colorless flake that are 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 (190°C/2.16Kg)	ASTM D 1238	g/10min	0.5
Density	AST M D 1505	g/cm <sup>3</sup>	0.957
Volatiles	GAS CHROMATOGRAPHY	ppb	<300

**Typical Properties**

Tensile Strength at Yield	AST M D638	MPa	28
Strain at Break	AST M D638	%	438
Elasticity Modulus (Secant 1%)	AST M D638	MPa	1405
Flexural Modulus (Secant 1%)	ASTM D790	MPa	1401
ESCR (100% Igepal) <sup>2</sup>	ASTM D1693	h	6
Izod Impact Strength <sup>3</sup>	ASTM D256/A	J/m	80

**Notes:**

•The specifications shown in this document correspond to average values, they were obtained through laboratory tests.

•Mechanical properties were measured from specimens (prepared according to ASTM D 4703 Method C).

For the correct operation of this material, the use of dehumidifiers is recommended

Email: Ventas2@alcamare.com

Libramiento Empalme Escobedo No. 110-C, Col. La Palma, Comonfort, Guanajuato, C.P. 38200 Cel. 461 266 8779 .

