

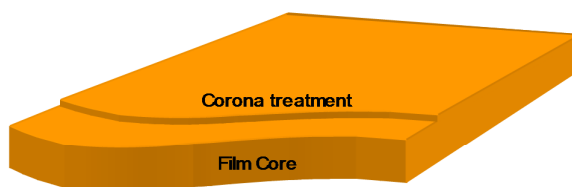
Coloured

PGX

Data Sheet (January 2018)

Product description

Nuroll 12PGX is a bi-axially oriented polyester amber mass coloured film, one side corona treated, specially designed for metallization and packaging applications



Recommendations

Nuroll 12PGX cannot be used at temperature exceeding 80°C

Technical details

Nuroll 12PGX is usually supplied with following characteristics:

- **Core diameter:** 6 inches (152.76 mm)
- **Film width:** min 600 mm, max 2000mm. Other widths to be agreed.
- **Film length:** 18000m Standard - 24000m on request
- **Packing presentation:** suspended reel; wooden endboards, lid and pallet; stretchable PE film

Different characteristics than the above on request

Storage conditions

Nuroll 12PGX need to be stocked in a close warehouse and preserved from the light and from the humidity.

Reels must be not stacked

Nuroll will not accept any responsibility for material older than 1 year from the delivering

Compliance with regulations

Nuroll 12PGX, complies with EEC and Italian requirements on packaging for direct contact with foodstuffs

Transparent

PGX

Properties		Unit	Test Method	Typical values
Thickness		Microns	ASTM E 252	12
Density		g/cm ³	ASTM D1505	1,395
Yield (nominal)		m ² /kg	ASTM E 252	59,2
		g/m ²	ASTM E 252	16,9
Tensile strength	MD	N/mm ²	ASTM D 882	210
		kg/inch		6,4
	TD	N/mm ²		230
		kg/inch		7
Elongation at Break	MD	%	ASTM D 882	130
	TD			110
Thermal Shrinkage 150°C-30'	MD	%	ASTM 1204	1,3
	TD			0,8
C.O.F		Film/Film	ASTM D1894	0,4
MVTR (38°C, 90%RH)		g/m ² *day	ASTM E398	50
OTR (20°C, 0%RH)		cc/m ² *day	ASTM D3985	110
Surface tension		Dynes/cm ²	ASTM D2578	52

1. This information is the best currently available on product and it is subject to revision as additional knowledge and experience is gained.
2. The results obtained and the above properties refer to average value of laboratory tests. Therefore, such results have only to be considered as an indicative general guide to material properties and not as an implied guarantee that the product actually has said properties and/or a warranty of fitness for a particular purposes and/or suggestion for infringement of any existing patents.
3. Due to many factors which may affect customer production process, including but not limited by different equipments and techniques used, PGX film must be qualified before being used in any application.