



THERPOL ICX 80

Therpol ICX 80 was developed to provide for the shoe market a groundbreaking new technology to produce beach sandals stripes totally free of PVC and non-friendly plasticizers.

Therpol ICX 80 is totally recyclable without the necessity of virgin material addition for its reuse.

Main characteristics

- ✓ Low Density (30% lower than PVC or TPU / 15% lower than TR and TPE)
- ✓ Translucency
- ✓ Non Toxic
- ✓ Sustainable (free of animal sources)
- ✓ Non Oxidable (high light resistance)
- ✓ Non Yellowish Under Sun Light
- ✓ High Tear Resistance (300N – pipette method)
- ✓ 100% Recyclable
- ✓ Rubbery Texture
- ✓ High Rebound

Recommended application

- ✓ Beach Sandals Stripes

Physical Properties

Physical	Nominal	Method
Density	0,850 +/- 0,05 g/cm ³	ASTM D792
Mooney Viscosity (ML 1+4 a 120°C)	10,0 +/- 5 MU	ASTM D1646
Mechanical	Nominal	Method
Tensile Strength	27,63 MPa	ASTM D412
Elongation	950%	ASTM D412
Hardness	Nominal	Method
Shore A	75 - 80pts	ASTM D2240
Thermal	Nominal	Method
Low temperature resistance	-40°C	Proquitec

Packing

15 Kg bags

Shelf life

12 Months

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