

## Lexan 124 - R 111

Certificate Number : M0180 dated:28/03/2000  
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### Technical data

MOLD SHRINKAGE BAR, FLOW	GE METHOD	0.5-0.7 %
DENSITY	ISO 1183	1.2 g/cm <sup>3</sup>
TABER ABRASION CS-17, 1kg	GE METHOD	10 mg/1000cy
TENSILE STRESS, Yield 50 mm/min	ISO 527	63 MPa
TENSILE STRESS, break 50 mm/min	ISO 527	65 MPa
TENSILE STRAIN, Yield 50 mm/min	ISO 527	6 %
TENSILE STRAIN, break 50 mm/min	ISO 527	100 %
TENSILE MODULUS 1mm/min	ISO 527	2350 MPa
FLEXURAL STRESS, YIELD, 2mm/min	ISO 178	90 MPa
FLEXURAL MODULUS 2mm/min	ISO 178	2300 MPa
HARDNESS, H358/30	ISO 2039-1	95 MPa
IZOD IMPACT unnotched 80*10*4+23°C	ISO 180/1U	NB KJ/m <sup>2</sup>

#### Main Medical Compliance:

BgVV Recommendation XI  
EEC Directive 90/128  
FDA 21 CFR section 177.1580  
USP class VI

#### Recommended Uses:

- Extrusion
- Moulding
- Blowing

#### Granule color:

- Natural
- Red
- Blue
- White

Other:

**Recommended Sterilization \*:** *\*must be validated by the customer with his sterilization cycle*

- E.O.
- Gamma radiation
- Steam

**Note:** **OBSOLETE REMPLACE PAR M0017 Polycarbonate- Gamma sterilization up to 10 Mrad -SVHC less than 0,1 % (04/2009)-No Heavy Metals- NO ESB risk-No phtalates-No latex**