

# Technical Data Sheet

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## Ecopol 124

### I. General description:

**Ecopol 124** is an **aromatic polyester** polyol based on soy been oil grafted with PolyEthyleneTerephthalate (PET).

This product is designed for the formulation of both high and low density polyurethane foams. Because of the low hydroxyl number this type of polyol can be used for special flexible and rigid formulations. It is recommended as a substitute of the castor oil in the formulations.

The polyol has an excellent mixability with HCFC's, Pentane and water and is compatible with polyether polyols.

### II. Chemical properties:

Color:	amber	
OH-Number:	170 ± 10 mgKOH/g	
Aromatic content	25 %	
Acid number:	< 1.0 mgKOH/g	
Water content:	< 0.1 %	
Functionality:	2.2 - 2.4	
Viscosity at 25°C (77F):	1800 ± 200 Cps	(mPas)
Density at 25°C (77F):	1.09 ± 0.02 g/cm <sup>3</sup>	(0.63 ± 0.01 oz/in <sup>3</sup> )

### III. Availability:

Barrel	200 kg	(440 lb)
IBC container	1000 kg	(2,200 lb)
Bulk cargo	10 or 20 tons	(22,000 lb or 44,000 lb)
Isotainer	20 tons	(44,000 lb)

### IV. Handling and safety information:

The polyol should be maintained with a temperature above 20°C. Lower temperature does not affect the chemical properties of the polyol but possibly the color and the viscosity.

The safety information is included in the Safety Data Sheet of the material which is available by request at Ecopur.