



MPL Products
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Ethoxylated Castor Oil – 40 Mole (Industrial Grade)

Technical Data Sheet

CAS No: 61791-12-6

General Information:

Castor oil ECO-40 is low viscosity polyepoxide resin than imparts flexibility, impact resistance and thermal shock resistance when incorporated in a wide variety of epoxy formulation.

Specific Properties:

Sr. No.	Test Parameter	Specification	Method
1	Appearance	Yellow liquid	Visual
2	PH (5 % Water Sol)	4.5-7.5	IH
3	Main Substance Content, %	78-82	IH
4	Moisture, %	19-21	Karl Fisher
5	HLB, ppm	12.5 min	IH
6	Arsenic (As), ppm	4 max	IH
7	Lead (Pb) , ppm	30 max	IH
8	Mercury (Hg), ppm	1 max	IH
9	Cadmium(Cd), ppm	2 max	IH

Advantages and Applications:

- Stress relieved concrete patching and surfacing compounds.
- Thermal Shock resistant potting and dip coating compounds.
- High impact resistant tooling compounds.
- High peel strength adhesives.

Packaging:

200 kg Barrel, 1000 kg IBC Tank