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Certified Company

Speciality Products Research Group

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TECHNICAL DATA SHEET

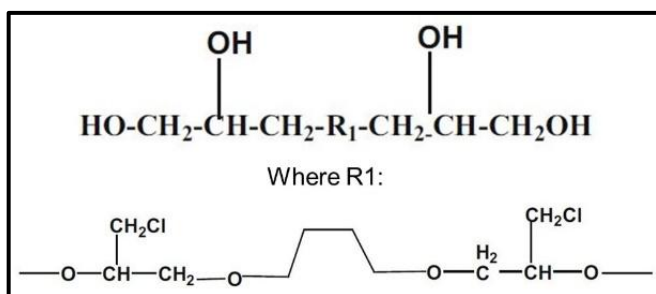
TETRA FUNCTIONAL POLY-EPICHLOROHYDRIN

Tetra Functional Poly-Epichlorohydrin is used in the synthesis of hydroxyl-terminated glycidyl azide polymer (GAP). This polymer finds use in cast-cured 'polymer-bonded explosive' as well as cast-cured composite propellants and in gas generating compositions.

Synonyms:	Epoxidized Poly-Epichlorohydrin
CAS No.:	NA
Molecular Formula:	$(C_3H_5O_2)_2(C_3H_5O_2Cl)_n$
Avg Mass:	>1150.00 g/mol
IUPAC Name:	NA

SPECIFICATIONS FOR Tetra Functional Poly-Epichlorohydrin (T-PECH)

Sr. No.	Characteristics	Specified Limits
1.	Appearance	Clear Liquid
2.	Physical State	Viscous Liquid
3.	Odour	Mild Odour
4.	pH	Neutral
5.	Volatile Matter, %	<0.1
6.	Moisture content, %	<0.1
7.	Hydroxyl value, mg of KOH	85 ± 2
8.	Average Mol Wt	>1150
9.	Viscosity, @ 30°C, cP	9200 – 9600



For Speciality Products Research Group

Proprietor

