

## Braskem Tetramer

**Description:**
**Product Name:** Propylene Tetramer

**Chemical Family:** Hydrocarbons

**Chemical Structure:** C<sub>12</sub>H<sub>24</sub>
**Applications:**

Tridecyl Alcohol (Plasticizers), Isoparaffin (surfactants/detergents), Dodecylbenzene (Surfactants / Detergents), Dodecylphenol (Lubricant Additive)

**Typical Properties**

Feature	Method	Units	Values
Appearance	ASTM D4176	Visual	Clean and Clear
Water	ASTM D6304	ppm	50
Antioxidant	Braskem Method	ppm	75
Color Pt-Co	ASTM D1209	-	5
Density 15/4°C	ASTM D4052	-	0.770
Density 20/4°C	ASTM D4052	-	0.767
Initial boiling point	ASTM D86	°C	178.5
Final boiling point	ASTM D86	°C	201
Sulfur	ASTM D5453	ppm	< 0.1
Olefins	ASTM D1319	% volume	99.75
Bromine number	ASTM D1159	g Br <sub>2</sub> /100g	87
Peroxides	ASTM D3703	ppm	1.5
Total Chloride	ASTM D5808	ppm	1
C9	Braskem Method	% wt	0.2
C10	Braskem Method	% wt	5
C11	Braskem Method	% wt	14.5
C12	Braskem Method	% wt	73.5
C13	Braskem Method	% wt	5
C14	Braskem Method	% wt	1.5
C15	Braskem Method	% wt	0.5

Shelf Life: undetermined since the product is kept at appropriate storage conditions as described in the SDS.