

<b>TECHNICAL DATA SHEET</b>
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## Dicyclopentadiene (DCPD)

### PRESENTATION:

Dicyclopentadiene, abbreviated DCPD, is the dimer of cyclopentadiene (CPD). In the pure state DCPD is a volatile solid with a characteristic odour. Dicyclopentadiene is coproduced in large quantities in the steam cracking of naphtha and gas oils to ethylene. In addition, it can be prepared in a Diels-Alderreaction of 2 cyclopentadiene molecules.

### APPLICATIONS:

Most dicyclopentadiene is used as co-monomer in the production of synthetic resins, in particular unsaturated polyesters and synthetic rubbers, for example EPDM. Poly (DCPD), which contains some dicyclopentadiene as monomer, is used in printing inks and engineering plastics.

### TYPICAL PROPERTY

PROPERTY	UNIT	TYPICAL	TEST METHOD
Purity	% wt	84	GC*
Benzene	% wt	0.02	GC*
Color Gardner		< 3.0	ASTM D 1544*
Water	mg/kg	85	ASTM D 1364*
Sulphur	mg/kg	4	ASTM D 5453*
Inhibitor (TBC)	mg/kg	140	GC*

\*or equivalent method

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