

Product Data Sheet / Sales Specification

Monomer

Phenol

Phenol is used for pesticides and herbicides, also used together with acetone to produce polycarbonate for use in the automotive industry

Typical Properties

Property	Value	Unit	Method
Phenol Purity (dry basis)	99.99 min	wt %	ASTM D6142
Total Carbonyls	12 max	wt ppm	ASTM E411
2-Methylbenzofuran	30 max	wt ppm	ASTM D6142
a-Methystyrene	15 max	wt ppm	ASTM D6142
Hydroxyacetone	3 max	wt ppm	ASTM D6142
Mesityl Oxide	10 max	wt ppm	ASTM D6142
o-Cresol	75 max	wt ppm	ASTM D6142
m- and p-Cresol	20 max	wt ppm	ASTM D6142
Total GC Impurities (excluding cresols)	80 max	wt ppm	Internal
Sulfuric Acid Discoloration (SAD Test)	95 min	%	Internal
Iron	0.2 max	wt ppm	Internal
Water	300 max	wt ppm	ASTM D1631
Freeze Point	40.8 min	°C	ASTM D1493
Colour (Pt-Co)	5 max	-	ASTM D1686
Appearance	clear	-	ASTM D2439
Density @ 50°C	report	g/cm ³	ASTM D1298

Note: no inhibitor added to this product

Manufacturer

Phenol is manufactured in Saudi Arabia by Rabigh Refining & Petrochemical Co. (Petro Rabigh).
Petro Rabigh is an ISO 9001, ISO 14001, and ISO 450001 certified company.

Regulatory Compliances

Please contact your nearest SCA representative for more information.

Office Locations**SUMITOMO CHEMICAL ASIA PTE LTD**

3 Fraser Street, #07-28 DUO Tower, SINGAPORE 189352

Phone +65 6303 5188

Fax +65 6298 9621

Web Site www.sumitomo-chem.com.sg

SUMIKA PLASTICS AND CHEMICALS TRADING (SHANGHAI) CO., LTD.

1607, Ascendas Plaza, 333 Tian Yao Qiao Road, Xu Hui District, Shanghai, CHINA 200030

Phone +86 21 6448 2255

Fax +86 21 6407 7365

SUMIKA PLASTICS AND CHEMICALS TRADING (SHANGHAI) CO., LTD., GUANGZHOU BRANCH

Room 6404, Office Building, CITIC Plaza, No.233, North Tianhe Road, Guangzhou City, CHINA 510613

Phone +86 20 3877 3577

Fax +86 20 3877 3511

SUMITOMO CHEMICAL EUROPE S.A./N.V.

Woluwelaan, 57, B-1830 Machelen, BELGIUM

Phone +32 2 251 0650

Fax +32 2 251 2991

Web Site sumitomochemical europe.eu

SUMITOMO CHEMICAL EUROPE N.V.

Turkey Liaison Office, Barbaros Mah. Cigdem Sok. No:1, Agaoglu My Office K:10, D:44-45, 34746 Bati Atasehir, Istanbul, TURKEY

Phone +90 216 680 3334

Fax +90 216 680 1012