

# BASIC PRODUCTS



PETROHEMIJA

## PYROLYSIS GASOLINE

### PRODUCTION:

Pyrolysis gasoline is produced by hydrogenation of raw pyrolysis gasoline. It is separated from the butanizer bottom and mixed with the gasoline obtained from the stripper-distillate.

### DESCRIPTION:

Pyrolysis gasoline is a colourless, easily flammable liquid, with a characteristic sharp odour due to aromatics, and it represents a mixture of light hydrocarbons.

### SPECIFIED PROPERTIES:

No.	PROPERTY	TEST METHOD	UNIT	VALUE
1.	Density (relative) on 20 °C	SRPS EN ISO 3675	kg/m <sup>3</sup>	min 810, max 870
2.	Initial Boiling Point (IPB) ASTM distillation	SRPS EN ISO 3405	°C	min 45
	Final Boiling Point (FBP)			max 205
3.	Total sulphur content	ASTM D 5453	ppm (m/m)	max 500
4.	Resin content	SRPS ISO 6246	kg/m <sup>3</sup>	max 0.03
5.	Induction period	SRPS ISO 7536	min	min 360
6.	Lead content	MA0745-UP039	µg / l	max 30
7.	Total aromates content	ASTM D 5580	% (m/m)	min 70
	Benzene content			min 30, max 50
	Toluene content			min 10, max 20
8.	Ethylbenzene content	ASTM D 5580	% (m/m)	max 10
	Xylenes content			max 11
	C9 and heavier than C9 content			max 15

SRPS - National Standard Method  
MA07\_-UP\_- HIPP's Internal Method

The values given in the table used only as information.

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## ***APPLICATION:***

It is mostly used as disolvent, as a feedstock for aromate extraction, for the compounding in high-octane

## ***STORAGE:***

Pyrolysis gasoline is stored in vertical cylindrical tanks with fix roofs and floating aluminium membrane. These tanks have installed local indicators of temperature and level.

## ***TRANSPORTATION:***

To some destinations pyrolysis gasoline is transported by railway or by river, in special tanks according to standards for transportation of flammable liquids.

## ***REACH:***

„HIP Petrohemija, with applying the existing standards ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 and ISO 50001:2011, follows completely the highest standards by which there are regulated human health and safety protection and environmental protection and herewith expresses its intention to meet all the requirements which are prescribed by REACH regulation.

Registration of all the substances of potential export interest has been made with European Agency for Chemicals in Helsinki, in accordance with the prescribed deadlines, therefore in this way it enables further undisturbed placement and sale of HIP Petrohemija's products without any limits at EU Market.

As the only representative for „HIP Petrohemija“a.d. in EU, pursuant to Article 8.of REACH regulation, there has been designated REACHLaw ltd, Helsinki, Finland.

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