

# Process 2500

Process 2500 is a RAE (residual aromatic extract) oil.

## > Use

- Due to its aromatic characteristics and plasticizing properties, it is suitable for use in the formulation of industrial elastomers, rubber, and, especially, tires.

## > Regulations

- It meets the requirements of the European Directive 2005/69/EC.
- It successfully passes the Ames test.

## > Benefits

- Process 2500 is supplied in bulk by tanker trucks or in ISO containers by ship or train.

## > Physical and chemical properties

Parameter	Units	Method	Process 2500
Density at 15°C	Kg/l	ASTM D 4052	0.96-1.01
Viscosity at 100°C	cSt	ASTM D 445	45-70
Upper pour point	°C	ASTM D 5949/5950	20
Flash Point V/A	°C	ASTM D 92	>220
Refraction index	67°C	ASTM D 1218	1.5235
Water content (Karl-Fischer)	p.p.m. (m/m)	ASTM D 6304	<0.1
Aniline point	°C	ASTM D 611	65
Sulfur	%	ASTM D 1552	4
C composition: C/A (non-S-corr.)	%	ASTM D 2140	34
C composition: C/N (non-S-corr.)	%	ASTM D 2140	24
C composition: C/P (non-S-corr.)	%	ASTM D 2140	42
Viscosity-gravity constant	-	ASTM D 2501	0.907
C distribution: C/A (S-corr.)	%	ASTM D 2140	30
C distribution: C/N (S-corr.)	%	ASTM D 2140	10
C distribution: (S-corr.)	%	ASTM D 2140	60
Benzo(a)pyrene content	mg/kg	-	<1
Sum of 8 PAH	mg/kg	-	<10

## > Health & safety and environment

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.