



LUBRICANTS

POWER TO PERFORM

HP ELASTO SUPREME RUBBER PROCESS OILS

DESCRIPTION

ELASTO SUPREME is a treated residual aromatic extract (TRAЕ) type product. The content of PCA/PAH has controlled to eliminate the risk of cancer in human beings and to give protection to the environment.

APPLICATION AREAS

Suitable for high end performance of modern automobile tyre and Styrene Butadiene Rubber (SBR).

PHYSICO-CHEMICAL PROPERTIES

PROPERTIES	Method	Typical Values
Colour (ASTM)	D 1500	8
Density @ 15°C, g/cc	D 1298	0.90-0.96
Refractive Index @ 20°C	D 1218	1.5312
Flash Point, COC, °C	D 92	250-350
Pour Point, °C	D 97	18-38
Kinematic Viscosity, Cst	D 445	
40 °C		700-1206
100 °C		25-31
Sulphur, % wt.	D 4294	2.56-3.13
Carbon type Analysis	D 2140	
Ca		15-30
Cn		20-30
Cp		40-65
Refractivity Intercept		1.061
Viscosity Gravity Constant	D 2501	0.8598
Aniline Point, °C	D 611	84-94
Evaporation Loss, 22 hrs, 107 °C , % wt	D 972	<0.1
Noack Volatility, % wt.	D 5800	1.1
DMSO Extractables, % wt.	IP 346	3 Max
Glass Transition temperature		- 38 to -51
Polars, % wt.	D 2007	1.3
Aromatics, % wt.	D 2007	50
Saturates, % wt.	D 2007	48.7
As per EU Direction 2005/69/EC	Limit	Mg per Kg
Benzo(a) pyrene	<1 mg per Kg	0.158
Sum of 8 listed PAH	<10 mg per Kg	1.748