



**BUOYANCY**<sup>®</sup>  
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## Rubber Process Oil (RPO)-Heavy Aromatic-RP040

RPO is used as component in rubber formulations and manufacturing of products such as automobile tires, Rubber shock absorbers, Footwear, Industrial hoses, wire and cable coverings, Flooring materials and Carrier fluid or solvent in manufacture of adhesives, Sealants, Polishes and Carbon black ,to improve physical properties of vulcanization to reduce the cost of finished rubber compounds, Tire & Rubber Industry, as a Lubricant in Rubber Processing, In manufacturing of White Oil , as a component in Ink Production. Rubber Process Oils are used during mixing of rubber compounds. These help in improving the dispersion of fillers and flow characteristics of the compound during further processing. Aromatic RPO have primary characteristics of aromatic hydrocarbons are the presence of the double bonded mix ring carbon structure. Aromatic extracts are procured from selected refineries and suitably blended to meet stringent specifications, are used for compounding batches to manufacture tires, calendared and molded sheets, tread rubber etc. These products show excellent solvency, superior compatibility and have low volatility and high viscosity.

Characteristics	Min	Max	Test Method
Kinematic Viscosity @ 100 cST	40	60	ASTM D-445
Flash Point °C	265	300	ASTM D-92
Pour Point	15	20	ASTM D-97
Specific Gravity @15, Kg/m <sup>3</sup>	995	1020	ASTM D-1298
Aniline Point °C	50	65	ASTM D 611
Sulphur Content Wt%	5		ASTM D-2622
Ash Content, Wt%	0.15		ASTM D-482
<b>Carbon Type Analysis%</b>			
Ca	50	ASTM D 2140	
Cn	5		
Cp	45		
Compatible with	NR, SBR, PBR and Reclaim Rubber		
Acidity mg KOH / gm Oil	0.5 Max		ASTM D 974
Volatile Matter @ 150° C for 1 Hour	0.25		ASTM D 972
Appearance	Light to dark Green		Visual
Color	7.0 to 8.0		ASTM D1500

### Packing

Flexibags -20 MT or Steel drums (new and used) -210 kg or IBC tanks – 1000 Kg

Accredited: ISO9001:2015 | ISO 14001:2015 | ISO45001:2018