

RUBBER PROCESS OIL – RESIDUAL AROMATIC EXTRACT (EXDO-4)

Description

EXDO-4 processing oil is produced by Pertamina Cilacap refinery.

Pertamina EXDO-4 Rubber Processing Oil is categorised as RAE (Residual Aromatic Extract) with advantages of containing PAH (Polycyclic Aromatic Hydrocarbon) less than 1 ppm and TOTAL PAH less than 10 ppm.

EXDO-4 also has a very important function as "Processing Aid" in making the rubber compound, to improve the softening and elastic processing of rubber and also to decrease the thickness of rubber compound.

EXDO-4 has obtained approval and qualify to obtain a certificate of Rubber Processing Oil products non-Carcinogenic from the BIU Laboratory, Germany.

Application/Benefit:

- As processing aid in rubber industry
- PAH (Polycyclic Aromatic Hydrocarbon) less than 1 ppm
- TOTAL PAH (Polycyclic Aromatic Hydrocarbon) less than 10 ppm

CHARACTERISTIC	TEST METHOD	UNIT	EXDO-4 SPECIFICATION	
			MIN	MAX
Specific Gravity at 15.6/15.6 °F	ASTM D-1298		0.95	1
Viscosity Kinematic at 100°C	ASTM D-445	mm ² /s	40	50
Viscosity Kinematic at 40°C	ASTM D-445	mm ² /s	1000	3000
Refractive Index at 20°C	ASTM D-1218		1.54	1.6
Viscosity gravity constant	ASTM D-2501		0.86	0.95
Sulfur content, mass %	ASTM D-2622	%wt	-	7
Flash point COC	ASTM D-92	°C	210 min	-
Aniline Point	ASTM D-611	°C	-	85
Type carbon				
Carbon aromatics	ASTM D-2140	%wt	25	-
Carbon naphthenics	ASTM D-2140	%wt	Reported	
Carbon Paraffinics	ASTM D-2140	%wt	Reported	
Polycyclic Aromatics	IP 346	%wt	To be Reported	
Benzo (a) pyrene		ppm wt	< 1	
∑ PAH	GC MS-Sim	ppm wt	< 10	

We can supply the product in Drums and ISO Tanks.

If you need more information on the product, delivery and pricing, please contact us at sales@excelube.com