

BEHRAN RPO RUBBER PROCESS OIL

Process oils for Rubbers, Elastomers and Adhesives USES

- It is known that the modern rubber compounding process requires high speed mixing and short mixing periods with proper polymer consistency for rapid processing.
- The function of behran rubber Process Oils is to improve physical properties of vulcanization to reduce the cost of the finished rubber compounds.

PROPERTIES

- Behran Rubber Process Oils are intermediate products with excellent processability, loading

(filler) characteristics and tensile properties.

- Behran Rubber Process Oils are perfect intermediate products to optimize required conditions. The compounder can achieve a workable mass with adequate dispersion of fillers through the selection of the correct process oils.
- Behran Rubber Process Oils are efficient secondary plasticizers in order to reduce cost.
- Behran Rubber Process Oils are offered in two kinds: Aromatic and Paraffinic.

TYPICAL CHARACTERISTICS OF AROMATIC PROCESS OIL

Specification	Test Method	Behran RPO 245	Behran RPO 250	Behran RPO 290	Behran Furfural Extract (DAE)
Density@15 °C Kg/m ³	ASTM D-1298	985-1040	990-1020	985-1015	980-1040
Flash Point (COC) °C	ASTM D-92	200	245	230	min.180
Kinematic Viscosity @ 100 °C (cSt)	ASTM D-445	6-12	50-80	19-28	7-65
VGC	ASTM D-2501	Max 0.96	0.96	0.96	0.96
Aniline Point °C	ASTM D-611	Max 26	Max 32	Max 32	-

DAE (Distillate aromatic extracts) is oil for carbon black manufacturing feed

TYPICAL CHARACTERISTICS OF PARAFFINIC PROCESS OIL

Specification	Test Method	Behran RPO 840
Density@15 °C Kg/m ³	ASTM D-1298	900
Flash Point (COC) °C	ASTM D-92	184
Kinematic Viscosity@100 °C (cSt) @40 °C (cSt)	ASTM D-445	MIN 5 21-28
VGC	ASTM D-2501	Max 0.850
Aniline Point °C	ASTM D-611	79



Packaging

208 liter steel drums
Bulk