



Raysun Process Oil

Raysun Process Oil is a highly refined oil specially designed to preparing the catalyst suspension in olefin polymerization Process. Raysun Process Oil with specific viscosity contributes to maintain unchanged the particle size distribution of the catalytic particles also is inert towards the catalyst components during olefin polymerization.

Advantages

- Special dynamic viscosity in order to maintain unchanged the particle size distribution of the catalytic particles during process
- Make a complete wetting and dispersion of the catalyst particles in olefin process
- Chemically inert oils are virtually free of nitrogen, sulfur, oxygen and aromatic hydrocarbons

Applications

- Special Process oil for the polymerization of olefins carried out in the presence of a polymerization catalyst comprising a solid catalytic component dispersed in semi-fluid matrix



Raysun Process Oil

ISO Viscosity Grade		Method	Specification
59	20		
0.860	0.835	ASTM D 1298	Density @ 15°C, kg/l
59	20	ASTM D 445	Viscosity @ 40°C, cSt
8.5	4.32	ASTM D 445	Viscosity @ 100°C, cSt
238	214	ASTM D 92	Flash Point, °C
-12	-15	ASTM D 97	Pour Point, °C
<40	<40	ASTM D 6340	Water by Karl Fischer, ppm
3	3	ASTM D 2622	Sulphur, ppm
not detected	not detected	GC MASS	Aromatic content
		ASTM D 2140	Carbon Type Distribution
32.94	32.94		% C/N
67.06	67.06		% C/P

Note: "All of the results are typical and the results of each batch are presented in the COA sheet."