

CORSOL 1800

PROCESS OILS

Corsol Series are severely hydro treated naphthenic process oils manufactured from select crude streams. Corsol Series oil offer low pour point good solvency and color stability. They are ideal for production blending, adhesives, plastics and extended rubber.

TEST DESCRIPTION	TEST METHOD	SPECIFICATIONS		TYPICAL
		Min	Max	
Physical Properties				
Viscosity, cSt @ 40° C	D-445	321.2	339	329.36
Viscosity, cSt @ 100° C	D-445	-	-	16.79
Viscosity, SUS @ 100° F	D-2161	1750	1850	1807
Viscosity, SUS @ 210° F	D-2161	-	-	87.6
Gravity, API, 60° F	D-4052	19.5	22.5	21.5
Specific Gravity, 60/60° F	D-1250	-	-	0.9248
Pounds per Gallon @ 60° F	D-1250	-	-	7.701
Flash, COC, C° (F°)	D-92	224 (435)	-	229 (445)
Pour Point, C° (°F)	D-97	-	-1 (+30)	-7 (+20)
Color	D-1500	-	3.5	L 3.0
Aniline Point, C° (°F)	D-611	-	-	95 (203)
Molecular Weight	D-2502	-	-	
Viscosity-Gravity Constant	D-2501	-	-	0.853
Refractive Index @ 20° C	D-1747	-	-	1.515
Refractivity Intercept	D-2159	-	-	1.053
Ring Carbon Distribution				
Aromatic Carbon Atoms, %Ca	D-2140	-	-	20
Naphthenic Carbon Atoms, %Cn	D-2140	-	-	29
Paraffinic Carbon Atoms, %Cp	D-2140	-	-	51
Fractions by Clay-Gel Absorption				
Asphaltenes, Mass %	D-2007	-	-	0
Polar Compounds, Mass %	D-2007	-	-	2.5
Aromatics, Mass %	D-2007	-	-	40.5
Saturates, Mass %	D-2007	-	-	57.0
Sulfur, Mass %	D-4294	-	-	0.10
UV Absorptivity, 260 NM	D-2008	-	-	7.2
Volatility, 22 hr/225° F, % Mass	D-972	-	-	0.3
DMSO Extract, wt. %	IP-346	-	3.0	< 3.0

The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice.

Health And Safety Information See separate Safety Data Sheets available on request.

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Product Data Sheet Revision 01/2020