



CORSOL 100

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
Physical Properties		Min	Max	
Viscosity, cSt @ 40° C	D-445	18.76	20.81	19.8
Viscosity, cSt @ 100° C	D-445	-	-	3.54
Viscosity, SUS @ 100° F	D-2161	-	-	105.2
Gravity, API, 60° F	D-4052	-	-	25.0
Specific Gravity, 60/60° F	D-1250	-	-	0.9042
Pounds per Gallon @ 60° F	D-1250	-	-	7.533
Flash, COC, °C (°F)	D-92	154 (310)		163 (329)
Pour Point, °C (°F)	D-97	-	-	-43 (-45)
Color	D-1500	-	1.5	L 1.0
Aniline Point, °C (°F)	D-611	-	-	74 (165)
Molecular Weight	D-2502	-	-	295
Refractive Index @ 20° C	D-1747	-	-	1.498
Refractivity Intercept	D-2159	-	-	1.043
Ring Carbon Distribution	D-2140			
Aromatic Carbon Atoms, %Ca	D-2140	-	-	17
Naphthenic Carbon Atoms, %Cn	D-2140	-	-	41
Paraffinic Carbon Atoms, %Cp		-	-	42
Fractions by Clay-Gel Absorption	D-2007			
Asphaltenes, Mass %	D-2007	-	-	0
Polar Compounds, Mass %	D-2007	-	-	0.35
Aromatics, Mass %	D-2007	-	-	30.2
Saturates, Mass %		-	-	69.45
Sulfur, Mass %	D-4294	-	0.10	0.04
UV Absorptivity, 260 NM	D-2008	-	-	2.5
Volatility, 22 hr/225° F, % Mass	D-972	-	-	8.0
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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