



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
		Min	Max	
Physical Properties				
Viscosity, cSt @ 40° C	D-445	18.76	20.81	19.64
Viscosity, cSt @ 100° C	D-445			3.54
Viscosity, SUS @ 100° F	D-2161	100	110	104.6
Viscosity, SUS @ 210° F	D-2161			38.3
Gravity, API, 60° F	D-4052			24.4
Specific Gravity, 60/60° F	D-1250	21.6	26.5	0.9076
Pounds per Gallon @ 60° F	D-1250			7.558
Flash, COC, °C (°F)	D-92	154 (310)		163 (325)
Pour Point, °C (°F)	D-97		-37 (-35)	-43 (-45)
Color	D-1500		1.5	L 1.0
Aniline Point, °C (°F)	D-611			74 (165)
Molecular Weight	D-2502			340
Viscosity-Gravity Constant	D-2501			0.874
Refractive Index @ 20° C	D-1747			1.498
Refractivity Intercept	D-2159			1.043
Ring Carbon Distribution				
Aromatic Carbon Atoms, %Ca	D-2140			17
Naphthenic Carbon Atoms, %Cn	D-2140			41
Paraffinic Carbon Atoms, %Cp				42
Fractions by Clay-Gel Absorption				
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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