

Objective: The chart outlines the basic properties found in standard NEODOL Ethoxylate grades.

NEODOL Ethoxylates Typical Properties

Product Name	91-2.5	91-5	91-6	91-8	91-8.4	1-9
Available from	EU	EU	EU	EU	US	US
EO/alcohol ratio, mol/mol	2.5	5.0	6.0	8.0	8.4	9.0
Molecular Weight, g/m	270	380	426	510	530	568
Hydroxyl Number, mg KOH/g	208	148	132	110	106	99
HLB No.	8.1	11.6	12.5	13.7	13.9	13.9
Flash Point, PMCC °C (ASTM D-93) °F	120 248	150 302	150 302	160 320	160 320	176 349
Pour Point °C (ASTM D-97) °F	-20 -4	4 39	6 43	16 60	16 60	18 64
Cloud Point, (1%) °C or ml H ₂ O titrated	36	32	54	82	80	69
Viscosity, cSt@40 °C	11	18	21	27	30	31
Density, kg/l@40 °C	0.911	0.964	0.976	0.996	0.996	0.996

Contact us: Our website www.shell.com/chemicals/NEODOL is always open and provides technical data as well as telephone numbers to our international customer care centres.

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