

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

## NEODOL Ethoxylates Typical Properties

Product Name	45-4	45-6.8	45-7	135-3	135-7	135-9
Available from	EU	US	EU	US	US	US
EO/alcohol ratio, mol/mol	4.0	6.85	7.4	2.9	7.0	9.0
Molecular Weight, g/m	398	523	546	335	516	606
Hydroxyl Number, mg KOH/g	141	108	103	167	109	93
HLB No.	8.9	11.5	11.8	7.6	12.0	13.1
Flash Point, PMCC °C (ASTM D-93) °F	179 354	185 365	190 374	154 310	190 374	193 379
Pour Point °C (ASTM D-97) °F	13 55	22 72	24 75	6 43	21 70	27 81
Cloud Point, (1%) °C		45	45		46	75
Viscosity, cSt@40 °C	23	33	35	17	29	37
Density, kg/l@40 °C	0.926	0.966	0.969	0.911	0.966	0.985

Contact us: Our website [www.shell.com/chemicals/NEODOL](http://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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