



Avalon Chemicals, Inc.

TECHNICAL DATA SHEET

Product Name	Avalub DND Dinonylated Diphenylamine
Acronym	DND
CAS No.	36878-20-3
Chemical Formula	C ₃₀ H ₄₇ N
Molecular Weight	422
Description	DND is a liquid general purpose, ashless antioxidant for industrial oils like hydraulic fluids, turbine oils which are blended with mineral and synthetic base stocks. It also finds application in engine oils, gear oils and greases for automotive, aviation diesel and gas-engine service.
Packaging	Available in 25 / 200 kgs drum
Storage	Stored in a clean cool place



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SPECIFICATION SHEET

Product : **Avalub DND**
Dinonylated Diphenylamine

CAS No. : 36878-20-3

Parameters	Specification
Appearance	Dark brown viscous liquid
Sulphur Content	28.5 – 32.0 %
Nitrogen Content	3.2 – 3.8 %
Specific gravity @ 25 °C	0.930 – 0.970 gm/ml
Viscosity @ 40 °C	500 – 900 cSt
Moisture Content	0.50 % max
Solubility	Soluble in petroleum and lubricant oils; insoluble in water
Flash Point	> 100 °C
Chloride	200 ppm max