



Product Literature

ISO 9001:2008 REGISTERED

POLYCIZER® DHIN
1,2-Cyclohexane dicarboxylic acid, diisononyl ester
CAS# 474919-59-0

Polycizer DHIN is a **phthalate free** ester plasticizer based on isononyl ester useful in a variety of rubber and plastics formulations. It is of particular interest in nitrile rubber and flexible polyvinyl chloride. It can be used to replace the standard phthalates i.e. DOP, DIDP, and DINP at a one to one replacement level.

TYPICAL PROPERTIES

Ester Content, Wt. %	99.80
Acid Value (mgKOH/g)	<0.05
Water, Wt%	0.04
Heating Loss (125 ± 3°C x 3 hrs), Wt. %	0.04
Color, APHA	15
Specific Gravity @ 20°C/68°F	0.952
Refractive Index @ 20°C/68°F	1.461
Viscosity @ 20°C/68°F, cSt.	55
Pour Point °C/°F	-54/-70
Flash Point °C/°F	224/440

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