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ISO 9001-2000
REGISTERED

POLYCIZER® DUP
DIUNDECYL PHTHALATE

Polycizer DUP is a high molecular weight phthalate ester plasticizer based essentially on linear C11 alcohol. It is particularly useful where mechanical property retention is required upon heat aging. Polycizer DUP's low volatility and good permanence makes it useful in Nitrile or PVC wire and cable coatings. Automotive applications requiring low fogging plasticizers may use Polycizer DUP. Also, as a primarily linear phthalate, Polycizer DUP provides superior low temperature flexibility. In selective applications, Polycizer DUP can partially replace trimellitate plasticizers, such as TOTM, providing a more cost-effective product with an acceptable performance level.

TYPICAL PROPERTIES

Appearance	Clear Liquid
Specific Gravity @ 20°/20°C	0.953
Color, Pt-Co Scale	50 Maximum
Acidity, as Phthalic, wt. %	0.001
Ester Content, wt. %	99.7
Refractive Index, 25°C	1.481
Flash Point (COC), °C	252
Viscosity, 25°C	92

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