

Products

DOP
(Di Octyl Phthalate)

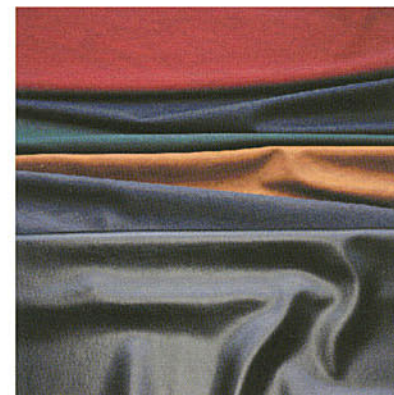
DINP
(Di Isononyl Phthalate)

DIDP
(Di Isodecyl Phthalate)

DBP
(Di Butyl Phthalate)

DOA
(Di Octyl Adipate)

TOTM
(Tri Octyl Trimellitate)



	제품 규격 / Specification							물성치 / Physical Properties					Applications	Properties	
	Color (APHA)	Specific Gravity (20/20°C)	Acid Value (KOH mg/g)	Acid Value After Heating (KOH mg/g)	Ester Value	Refractive Index (nD25)	Heat Loss (WT%)	Volume Resistivity Ω-Cm(30°C)	M.W.	Viscosity (cP)	Boiling Point(°C) (760mm Hg)	Freezing Point(°C)			Flash Point(°C)
DOP (Di Octyl Phthalate) 	20 MAX	0.986±0.003	0.02 MAX	0.07 MAX	287±2	1.485±0.003	0.07MAX	2.0×10 ¹¹ MIN	391	54(25°C)	386	-55	206	Leathers, Sheets, Cable, Gloves, Hoses, Footwears, Wallpapers, Erasers	Widely Used Plasticizers, With Excellent Average Properties
DINP (Di Isononyl Phthalate) 	25 MAX	0.975±0.003	0.03 MAX	0.07 MAX	268±3	1.485±0.003	0.07 MAX	3.0×10 ¹¹ MIN	419	59(25°C)	400	-49	213	Casting Leather, Cables, Sheets	Low Volatility, Electric Insulation, Excellent Viscosity Stability
DIDP (Di Isodecyl Phthalate) 	30 MAX	0.968±0.003	0.03 MAX	0.07 MAX	251±3	1.485±0.003	0.07 MAX	5.0×10 ¹¹ MIN	447	72(25°C)	420	-53	224	Cables	Low Volatility, Electric Insulation, Aging Resistance
DBP (Di Butyl Phthalate) 	20 MAX	1.048±0.003	0.03 MAX	0.06 MAX	403±3	1.491±0.003	0.40 MAX	-	278	20(25°C)	335	-35	165~170	Paints, Erasers, Adhesives	Excellent Compatability and Plasticized Efficiency, Cold Resistance
DOA (Di Octyl Adipate) 	20 MAX	0.927±0.003	0.03 MAX	0.10 MAX	302±3	1.446±0.003	0.10 MAX	5.0×10 ¹¹ MIN	371	14(25°C)	335	-70	196	Hoses, Leathers, Sheets, Gasket	Cold Resistance, Excellent Compatability and Plasticized Efficiency
TOTM (Tri Octyl Trimellitate) 	30 MAX	0.990±0.003	0.10 MAX	0.10 MAX	307±2	1.486±0.003	0.1 MAX	5.0×10 ¹¹ MIN	547	162(25°C)	275~287	-30	246	Cable	Heat Resistance, Low Volatility, Electric Insulation, Migration Resistance

☐ The listed values should be used for referential purpose only.

Products

DINA
(Di Isononyl Adipate)

DIDA
(Di Isodecyl Adipate)

TINTM
(Tri Isononyl Trimellitate)

EBN
(Glycol계)

BET
(Glycol계)

EBNW
(Glycol계)



	제품 규격 (Specification)								물성치 (Physical Properties)					Applications	Properties
	Color (APHA)	Specific Gravity (20/20°C)	Acid Value (KOH mg/g)	Acid Value After Heating (KOH mg/g)	Ester Value	Refractive Index (nD25)	Heat Loss (WT%)	Volume Resistivity Ω-Cm(30°C)	M.W.	Viscosity (cP)	Boiling Point (°C) (760mm Hg)	Freezing Point (°C)	Flash Point (°C)		
DINA (Di Isononyl Adipate) $(CH_2)_8 \begin{cases} COOC_9H_{19} \\ COOC_9H_{19} \end{cases}$	20 MAX	0.923±0.003	0.05 MAX	0.15 MAX	282±3	1.449±0.003	0.1 MAX	5.0×10 ¹¹ MIN	398	13(20°C)	233	-65	202	Hoses, Leathers, Sheets, Gasket	Cold Resistance, Excellent Compatability and Plasticized Efficiency
DIDA (Di Isodecyl Adipate) $(CH_2)_9 \begin{cases} COOC_{10}H_{21} \\ COOC_{10}H_{21} \end{cases}$	30 MAX	0.918±0.003	0.03 MAX	0.10 MAX	262±3	1.451±0.003	0.1 MAX	5.0×10 ¹¹ MIN	426	21(20°C)	349	-71	213	Cable, sheets	Cold Resistance, Excellent Compatability and Plasticized Efficiency
TINTM (Tri Isononyl Trimellitate) $H_{19}C_9OOC \begin{matrix} / \\ \backslash \end{matrix} \begin{matrix} COOC_9H_{19} \\ COOC_9H_{19} \end{matrix}$	30 MAX	0.979±0.003	0.10 MAX	0.10 MAX	262±3	1.451±0.003	0.1 MAX	5.0×10 ¹¹ MIN	588	270(20°C)	311 (@5mmHg)	-33	256	Cable	Heat Resistance, Low Volatility, Electric Insulation, Migration Resistance
EBN (Glycol계)	100 MAX	1.010±0.003	0.20 MAX	0.50 MAX	-	-	1.0 MAX	-	330	45.6(25°C)	338	-50	-	Toy, Glove, Casting	Non endocrine disruptors, Low viscosity, Low gelling temperature
BET (Glycol계)	100 MAX	1.008±0.003	0.20 MAX	0.50 MAX	-	-	1.0 MAX	-	490	164(25°C)	346	-41	-	Toy, Car interior · exterior, Sheets	Non endocrine disruptors, Odorlessness, Heat stability, Migration resistance, Volatility resistance
EBNW (Glycol계)	100 MAX	1.010±0.003	0.20 MAX	0.50 MAX	-	-	1.0 MAX	-	336	16(25°C)	408~426.1	-61	-	Wraps	Non endocrine disruptors, Adhesion, Transparency

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