

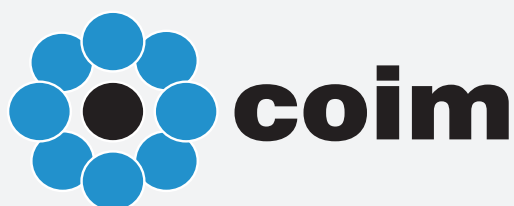
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Diexter-G[®] Polyester Polyols
Linear and Branched Aliphatic Adipate Polyols

LINEAR ADIPATE GLYCOLS

Product	OH# mg KOH/g	Avg. Mol. Wt.	Acid # Max.	APHA Max.	Functionality	Viscosity cP @	Temp °C	Phase @ 25° C	Glycols
1100-45	43.0-47.0	2,500	0.50	150	2.00	12,400	25	LIQUID	DEG
1100-56	54.0-58.0	2,000	0.50	150	2.00	7,700	25	LIQUID	DEG
1100-112	109.0-115.0	1,000	0.50	150	2.00	2,000	25	LIQUID	DEG
1100-225	220.0-230.0	500	0.50	150	2.00	500	25	LIQUID	DEG
2200-35U	33.0-37.0	3200	0.50	150	2.00	3,500	60	SOLID	EG
2200-57U	53.0-59.0	2,000	0.50	50	2.00	1,300	60	SOLID	EG
2200-205U	193.0-214.0	550	0.50	150	2.00	120	60	LIQUID	EG
3300-56	53.0-59.0	2,000	1.00	150	2.00	12,000	25	LIQUID	PG
3300-65	62.0-68.0	1,700	1.00	150	2.00	9,000	25	LIQUID	PG
4400-45	43.0-47.0	2,500	0.50	50	2.00	2,200	60	SOLID	BDO
4400-57	54.0-58.0	2,000	0.50	50	2.00	1,400	60	SOLID	BDO
4400-70	67.0-73.0	1,600	0.50	50	2.00	700	60	SOLID	BDO
4400-112U	109.0-115.0	1,000	0.50	150	2.00	360	60	SOLID	BDO
4400-113	109.0-117.0	1,000	0.50	150	2.00	360	60	SOLID	BDO
4400-160	155.0-165.0	700	0.50	50	2.00	200	60	SOLID	BDO
5500-56	54.0-59.0	2,000	0.50	150	2.00	8,800	40	SOLID	NPG
5500-112	109.0-115.0	1000	0.60	50	2.00	2,500	40	LIQUID	NPG
5500-225	220.0-230.0	500	1.00	150	2.00	2,200	25	LIQUID	NPG
6600-10	8.0-12.0	11,220	1.00	150	2.00	49,000	60	SOLID	HDO
6600-20	18.0-22.0	5,600	1.00	150	2.00	16,500	70	SOLID	HDO
6600-30	28.0-32.0	3,700	0.50	150	2.00	5,500	60	SOLID	HDO
6600-37	35.0-39.0	3,000	0.50	150	2.00	3,000	60	SOLID	HDO
6600-56	53.0-59.0	2,000	0.50	150	2.00	1,100	60	SOLID	HDO
6600-112	108.0-116.0	1,000	0.50	150	2.00	400	60	SOLID	HDO



Data contained herein are believed to be reliable. Fit-for-use testing should be conducted by each user.

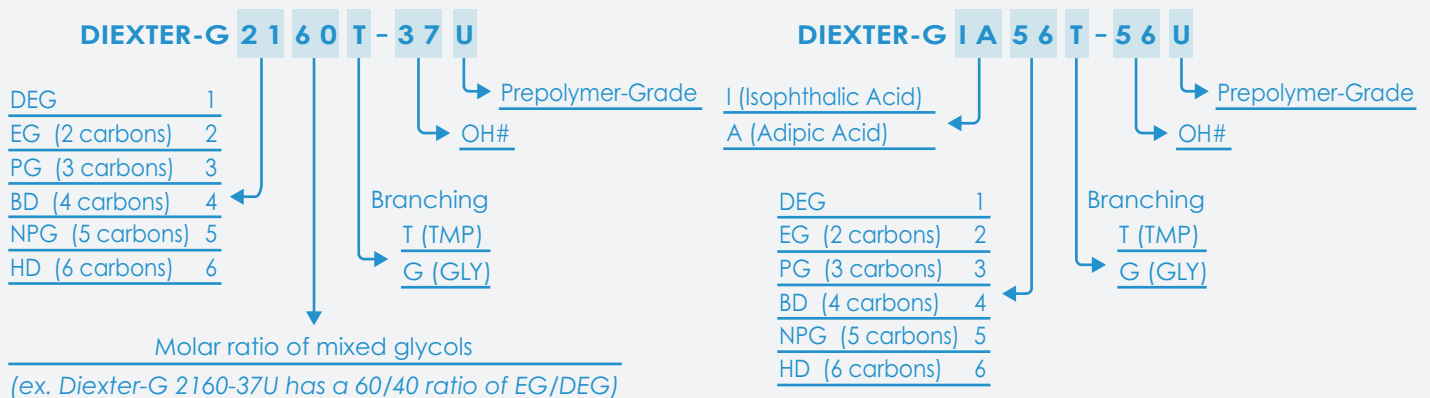
LINEAR MIXED GLYCOL ADIPATE POLYOLS

Product	OH# mg KOH/g	Avg. Mol. Wt.	Acid # Max.	APHA Max.	Functionality	Viscosity cP @	Temp °C	Phase @ 25° C	Glycols
2150-37	35.0-39.0	3,000	0.50	150	2.00	7,500	40	LIQUID	EG/DEG
2150-56	53.0-59.0	2,000	0.50	150	2.00	3,000	40	LIQUID	EG/DEG
2370-45	43.0-47.0	2,500	1.00	150	2.00	6,000	40	SOLID	EG/PG
2450-56U	53.0-59.0	2,000	0.50	50	2.00	4,000	40	SOLID	EG/BDO
2460-56U	54.0-58.0	2,000	0.50	150	2.00	4,700	40	SOLID	EG/BDO
2470-56U	53.0-59.0	2,000	0.50	150	2.00	4,000	40	SOLID	EG/BDO
4555-37	35.0-39.0	3,000	0.50	150	2.00	10,000	40	LIQUID	BDO/NPG
4555-56	53.0-59.0	2,000	0.50	150	2.00	13,000	25	LIQUID	BGO/NPG
4555-150	145.0-155.0	750	0.50	150	2.00	2,000	25	LIQUID	BDO/NPG
4555-320	310.0-330.0	350	1.00	150	2.00	600	25	LIQUID	BDO/NPG
4575-60	58.0-62.0	1,950	0.50	150	2.00	3,000	40	SOLID	BDO/NPG
6555-35	32.0-38.0	3,200	0.50	150	2.00	12,000	40	SOLID	HDO/NPG
6555-56	53.0-59.0	2,000	0.50	150	2.00	3,800	40	SOLID	HDO/NPG
6555-120	115.0-125.0	900	0.50	150	2.00	960	40	SOLID	HDO/NPG

BRANCHED ADIPATE POLYOLS

Product	OH# mg KOH/g	Avg. Mol. Wt.	Acid # Max.	APHA Max.	Functionality	Viscosity cP @	Temp °C	Phase @ 25° C	Glycols
1100G-48	46.0-50.0	2,450	0.50	150	2.10	12,500	25	LIQUID	GLY/DEG
1100G-50	46.0-52.0	2,800	1.00	150	2.42	18,000	25	LIQUID	GLY/DEG
1100G-53	51.0-55.0	2,100	1.00	150	2.24	11,500	25	LIQUID	GLY/DEG
1100G-94	90.0-98.0	2,200	1.00	150	3.70	26,000	25	LIQUID	GLY/DEG
1100T-59U	58.0-62.0	2,375	0.50	150	2.54	14,000	25	LIQUID	TMP/DEG
2450T-85	81.0-87.0	1,475	0.50	150	2.20	2,400	40	SOLID	TMP/EG/BDO
2460T-56	54.0-58.0	2,180	0.50	150	2.18	4,500	40	SOLID	TMP/EG/BDO
6600T-560	545.0-575.0	300	0.6	150	3.08	2,000	25	LIQUID	TMP/HDO
TF-52	50.0-54.0	2,900	1.40	150	2.70	24,500	25	LIQUID	GLY/DEG
CF-60	57.0-61.0	2,850	1.40	150	3.00	23,000	25	LIQUID	GLY/DEG
173LF	58.5-62.5	2,600	1.70	150	2.80	20,000	25	LIQUID	TMP/DEG

Polyester Nomenclature



MISCELLANEOUS POLYOLS

Product	OH# mg KOH/g	Avg. Mol. Wt.	Acid # Max.	APHA Max.	Functionality	Viscosity cP @	Temp °C	Phase @ 25° C	Glycols
APNDPT-300	295.0-305.0	450	1.00	300	2.44	2,100	25	LIQUID	PROPRIETARY
DA66-30	28.0-32.0	3,750	0.50	300	2.00	2,400	80	SOLID	HDO
PN1P-70	67.0-73.0	1,750	1.00	G 5	2.00	2,000	25	LIQUID	POLYESTER/ POLYETHER HYBRID
156T-63	61.0-66.0	1,800	0.50	150	2.05	8,200	25	LIQUID	PROPRIETARY
TMPD-120	110.0-130.0	900	2.00	G 7	2.00	3,300	25	LIQUID	PROPRIETARY
WD-65A58	62.0-70.0	1,500	60.00	250	1.75	4,000	60	SOLID	PROPRIETARY
XK-435	430.0-450.0	500	1.40	300	3.90	6,000	25	LIQUID	PROPRIETARY

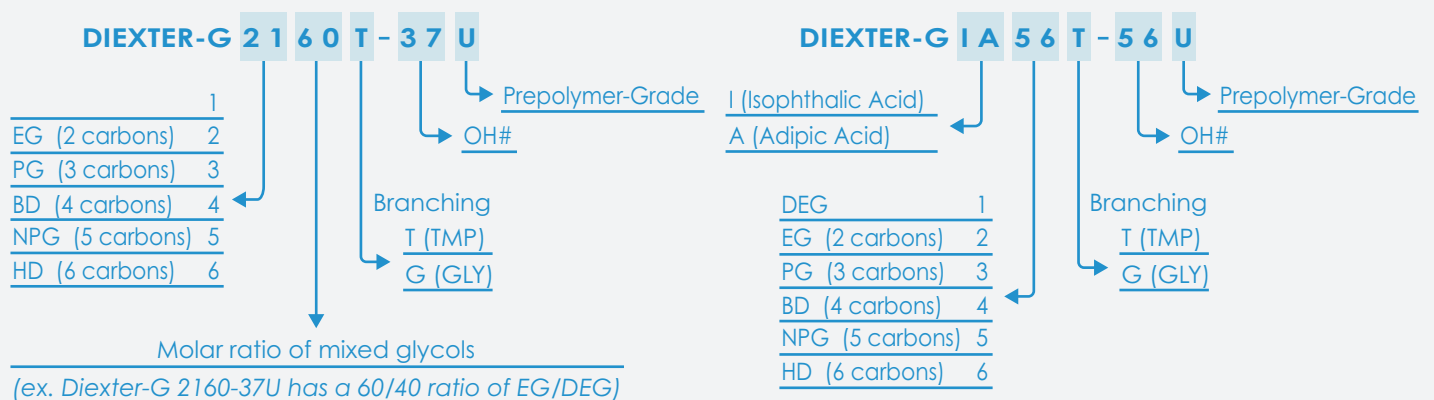
ISOPHTHALATE/ADIPATE POLYOLS

Product	OH# mg KOH/g	Avg. Mol. Wt.	Acid # Max.	APHA Max.	Functionality	Viscosity cP @	Temp °C	Phase @ 25° C	Glycols
IA66-35	33.0-37.0	3,200	0.50	150	2.00	7,600	60	SOLID	HDO
IA66-120	115.0-125.0	935	0.50	150	2.00	1,200	40	SOLID	HDO
IA56-145	140.0-150.0	775	0.50	150	2.00	7,700	25	LIQUID	NPG/HDO



Data contained herein are believed to be reliable. Fit-for-use testing should be conducted by each user.

Polyester Nomenclature



Diexter Selection Guide

TYPICAL APPLICATIONS	ADHESIVES	COATINGS	ELASTOMERS	FLEXIBLE FOAM	TPU
Diexter G 1100-45	●	●			
Diexter G 1100-56	●	●			
Diexter G 1100G-48	●				
Diexter G 1100G-50				●	
Diexter G 1100G-(53-350)				●	
Diexter G 1100-112		●			
Diexter G 1100-225				●	
Diexter G 1100T-59U			●		
Diexter G 156T-63	●				
Diexter G 173LF				●	
Diexter G 2150-37			●		
Diexter G 2200-(10-350)			●		
Diexter G 2370-45	●				
Diexter G 2450-56U			●		
Diexter G 2460-56U			●		
Diexter G 2470-56U			●		
Diexter G 3300-(10-350)		●			
Diexter G 4400-(10-350)					●
Diexter G 4555-150		●			
Diexter G 4555-320	●				●
Diexter G 4555-37		●			
Diexter G 4555-56		●			
Diexter G 4575-60	●				
Diexter G 4650-45					●
Diexter G 5500-(10-350)		●			
Diexter G 6555-35		●			
Diexter G 6555-56	●	●			
Diexter G 6555-120		●			
Diexter G 6600-(10-350)	●				
Diexter G 6600T-560				●	
Diexter G APNDPT-300			●		
Diexter G CF-60				●	
Diexter G IA66-120		●			
Diexter G IA66-35		●			
Diexter G IA56-145		●			
Diexter G PN1P-70		●			
Diexter G TF-52				●	
Diexter G TMPD-120		●			
Diexter G WD65A-58		●			
Diexter G XK-435				●	

PRODUCT DEVELOPMENT

In addition to the polyester polyols listed, our manufacturing experience, our ability to respond quickly, and our sourcing of capabilities allow us to custom manufacture a polyol to meet your individual requirements using a variety of glycols and acids. We are able to manufacture a polyester polyols based on almost any combination of the following acids, glycols, and crosslinkers from ~300 - 12,000 Daltons.

Acids:

- Adipic Acid (AA)
- Terephthalic Acid (TA)
- Phthalic Anhydride (PA)
- Isophthalic Acid (IA)
- Sebacic Acid (SBA)
- Dodecanedioic Acid (DDDA)

Glycols:

- Ethylene Glycol (EG)
- Diethylene Glycol (DEG)
- Propylene Glycol (PG)
- 1,4 Butane Diol (BDO)
- Neopentyl Glycol (NPG)
- 1,6 Hexane Diol (HDO)

Cross Linkers:

- Glycerin
- Trimethylolpropane
- Pentaerythritol

If you would like more information on custom products or have a specific need not covered by the list above, please contact us so we can develop a solution for you.

QUALITY & AVAILABILITY

COIM is dedicated to providing a reliable, high quality source of polyester polyols to its North American customers. Over the past five years, COIM USA has invested over \$30 million in polyester-related capital projects at our West Deptford, New Jersey facility. These investments include manufacturing capacity expansions, bulk distribution infrastructure expansions, production-related sustainability projects, and lab expansions.

We pledge to continue investing, expanding, and innovating in an effort to continue providing the excellent service, quality, and reliability that COIM is known for throughout the world.



ABOUT COIM GROUP

COIM is a polyurethane focused company. Polyester is our core technology with polyols being sold directly to the market or used in downstream polyurethane derivatives and systems.

COIM Group operates throughout the world through a network of production sites, commercial companies, and agencies. This global structure offers a guarantee of quality, service, flexibility, and efficiency. All production sites are ISO 9001 certified.

Customer Service and
Order Management

North America

- Order Placement and Inquiries
- Literature and Sample Requests

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NOTES

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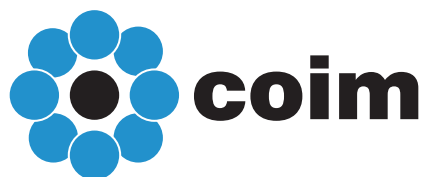
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