



Diol Kuraray Polyol

产品介绍

kuraray

Diol

	结构式	M.W.	外观 @25°C	粘度 [mPa·s]	熔点 (°C)	官能度
MPD 3-甲基-1,5-戊二醇		118	液体	173@20°C	<-50	2
ND 1,9-壬二醇		160	固体	33@60°C	46	2

Kuraray Polyol

Type		M.W.	外观 @25°C	粘度 [mPa·s]@25°C	Tg (°C)	官能度	OH Value [mg KOH/g]
己二酸类型	P-510	500	液体	540	-76.7	2	213.0-235.0
	P-1010	1000	液体	1,500	-70.6	2	106.0-118.0
	P-2010	2000	液体	5,700	-66.6	2	53.0-59.0
	P-3010	3000	液体	13,800	-64.9	2	35.0-40.0
	P-4010	4000	液体	28,000	-64.4	2	26.5-29.5
	P-5010	5000	液体	47,000	-63.8	2	21.0-24.0
	P-6010	6000	液体	68,000	-64.3	2	17.8-19.8
3官能度类型	F-510	500	液体	1,800	-65.5	3	319.5-352.5
	F-1010	1000	液体	3,600	-62.5	3	159.0-176.0
	F-2010	2000	液体	7,200	-62.7	3	80.0-88.0
	F-3010	3000	液体	15,000	-62.7	3	53.0-59.0
对苯二甲酸+己二酸类型	P-2011	2000	液体	4,200@60°C	-43.1	2	53.0-59.0
对苯二甲酸类型	P-520	500	糊状	560@60°C	-51.6	2	213.0-235.0
	P-1020	1000	蜡状	8,600@60°C	-24.7	2	106.0-118.0
	P-2020	2000	糊状	16,200@80°C	-9.6	2	53.0-59.0
间苯二甲酸类型	P-1012	1000	液体	1,100@60°C	-51.0	2	106.0-118.0
	P-2012	2000	液体	4,000@60°C	-42.0	2	53.0-59.0
间苯二甲酸+己二酸类型	P-530	500	液体	1,100@60°C	-44.3	2	213.0-235.0
癸二酸类型	P-1050	1000	液体	1,500	-67.8	2	106.0-118.0
	P-2050	2000	液体	5,200	-60.9	2	53.0-59.0
	P-3050	3000	液体	9,600	-60.0	2	35.0-40.0
	P-4050	4000	液体	23,000	-60.6	2	26.5-29.5
聚碳酸酯	C-590	500	液体	1,610	-70.2	2	212.0-236.0
	C-1090	1000	液体	1,780@60°C	-53.2	2	106.0-118.0
	C-2090	2000	液体	4,600@60°C	-45.3	2	53.0-59.0
	C-2050	2000	液体	5,200@60°C	-49.9	2	53.0-59.0
	C-3090	3000	液体	15,700@60°C	-42.0	2	34.4-40.4

聚酯

聚碳酸酯

外观比较



作为聚氨酯的特点

	聚醚多元醇		聚醚多元醇				聚碳酸酯多元醇		
	通用品		可乐丽的多元醇				可乐丽的多元醇		
	PPG	PTMEG	PBA	P-**10系列 (己二酸酯型)	P-**50系列 (癸二酸酯型)	P-**11系列 (对苯二甲酸酯+ 己二酸酯型)	P-**20系列 (对苯二甲酸酯型)	通用品	C系列
柔性	++	+	+	++	++	+	---	-	+
低温特性	++	+	-	++	++	-	---	-	++
耐水解性	+	+	---	+	++	+	++	++	++
耐酸性	+	+	---	+	++	++	++	++	++
耐碱性	+	+	---	+	++	+	++	++	++
透明性	+	+	---	++	++	++	++	---	++
溶剂溶解性	---	---	+	+	-	+	++	+	+
耐热性	---	---	++	+	+	+	++	++	+
耐紫外光性	---	---	++	++	++	+	+	++	++
粘合性	---	---	+	++	+	++	++	-	+

++	+	-	---
Excellent	Good	Poor	Very poor

PPG: 聚丙二醇
 PTMEG: 聚四亚甲基醚二醇
 PBA: 聚己二酸丁二醇酯
 PHC: 聚碳酸1,6-己二醇酯

认证

		REACH (Europe)	TSCA (US)	ENCS (Japan)	IECSC (China)	TCSI (Taiwan)	ECL (Korea)	NDSL (Canada)
Diol	MPD	✓*1	✓	✓	✓	✓	✓	✓
	ND	✓*1	✓	✓	✓	✓	✓	✓
Kuraray Polyol	P-xx10	✓*2	✓	✓	✓	✓	✓	✓
	P-xx11	✓*2	✓	✓	✓	✓	✓	-
	P-xx12	✓*2	✓	✓	✓	✓	✓*6	-
	P-xx20	✓*2	✓	✓	✓	✓	✓*5	-
	P-xx30	✓*2	✓*3	✓	✓	✓	✓*6	-
	P-xx50	✓	✓*6	✓	✓	✓	✓*6	-
	F-xx10	✓*2	✓	✓	✓	✓	✓*5	-
	C series	✓*2	✓	✓	✓	✓	✓	-

*1: 由可乐丽公司注册。可乐丽欧洲有限公司被指定为 OR。
 *2: 成分单体以适当方式注册。
 *3: SNUR

*4: 聚合物豁免。
 *5: 聚合物豁免 MW ≥ 1000。
 *6: 聚合物豁免 MW ≥ 2000。

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