

Kuraray Polyol P-series (Polyester Polyol)

| Kuraray Polyol | Functional Number | MW | OH value [KOH mg/g] | Acid Value [KOH mg/g] | Viscosity [mPa·s (25°C)] | Physical State | T _g [°C] | Remarks | TSCA | EINECS |
|-------------------|-------------------|------|---------------------|-----------------------|--------------------------|----------------|---------------------|-------------------------------|------|---------|
| MPD/AA | | | | | | | | | | |
| P- 510 | 2 | 500 | 224 | <0.5 | 540 | Liquid | -76.7 | | on | polymer |
| P-1010 | 2 | 1000 | 112 | <0.5 | 1,500 | Liquid | -70.6 | | on | polymer |
| P-1510 | 2 | 1500 | 75 | <0.5 | 3,200 | Liquid | -68.3 | | on | polymer |
| P-2010 | 2 | 2000 | 56 | <0.5 | 5,700 | Liquid | -66.6 | | on | polymer |
| P-3010 | 2 | 3000 | 37 | <0.5 | 13,800 | Liquid | -64.9 | | on | polymer |
| P-4010 | 2 | 4000 | 28 | <0.5 | 28,000 | Liquid | -64.4 | | on | polymer |
| P-5010 | 2 | 5000 | 22 | <0.5 | 47,000 | Liquid | -63.8 | | on | polymer |
| P-6010 | 2 | 6000 | 19 | <0.5 | 68,000 | Liquid | -64.3 | | on | polymer |
| MPD/AA/TMP | | | | | | | | | | |
| F-2010 | 3 | 2000 | 84 | <0.5 | 7,200 | Liquid | -62.7 | | on | polymer |
| F-3010 | 3 | 3000 | 56 | <0.5 | 15,000 | Liquid | -62.7 | | on | polymer |
| MPD/AA/TPA | | | | | | | | | | |
| P-1011* | 2 | 1000 | 112 | <1 | 19,000 | Liquid | -51.5 | AA/TPA (molar ratio) 50/50 | on | polymer |
| P-2011 | 2 | 2000 | 56 | <1 | 40,000 | Liquid | -43.1 | 50/50 | on | polymer |
| MPD/TPA | | | | | | | | | | |
| P- 520 | 2 | 500 | 224 | <1 | 13,300 | Paste | -51.6 | | on | polymer |
| P-1020 | 2 | 1000 | 112 | <1 | (60°C)8,700 | Paste | -24.7 | | on | polymer |
| P-2020* | 2 | 2000 | 56 | <1 | (60°C)73,000 | Paste | -9.6 | | on | polymer |
| MPD/AA/IPA | | | | | | | | | | |
| P-1012 | 2 | 1000 | 112 | <1 | 14,000 | Liquid | -51.0 | AA/IPA (molar ratio) 50/50 | on | polymer |
| P-2012 | 2 | 2000 | 56 | <1 | 42,000 | Liquid | -42.0 | 50/50 | on | polymer |

Kuraray Polyol C-series (Polycarbonate Polyol)

| Kuraray Polyol | Functional Number | MW | OH value [KOH mg/g] | Acid Value [KOH mg/g] | Viscosity [mPa·s (60°C)] | Physical State | T _g [°C] | MPD/1,6-HD (molar ratio) | TSCA | EINECS |
|-------------------|-------------------|------|---------------------|-----------------------|--------------------------|----------------|---------------------|--------------------------|------|---------|
| MPD/1,6-HD | | | | | | | | | | |
| C-590* | 2 | 500 | 224 | <0.5 | 170 | Liquid | -70.2 | 90/10 | on | polymer |
| C-1050* | 2 | 1000 | 112 | <0.5 | 1,000 | Liquid | -57.6 | 50/50 | on | polymer |
| C-1090 | 2 | 1000 | 112 | <0.5 | 1,800 | Liquid | -53.2 | 90/10 | on | polymer |
| C-2050* | 2 | 2000 | 56 | <0.5 | 5,200 | Liquid | -49.9 | 50/50 | on | polymer |
| C-2090 | 2 | 2000 | 56 | <0.5 | 4,600 | Liquid | -45.3 | 90/10 | on | polymer |
| C-3090 | 2 | 3000 | 37 | <0.5 | 15,700 | Liquid | -42.0 | 90/10 | on | polymer |

* limited availability

R-grade which is reinforced the deactivation of catalyst is also available.

T_g: measured with DSC (10°C up / min)

Abbreviations---AA=Adipic Acid, SA=Sebacic Acid, TMP=Trimethylol Propane, TPA=Terephthalic Acid, IPA=Isophthalic Acid, 1,6-HD=1,6-Hexane Diol

PACKAGING

| | |
|-------------|--------|
| Tin can | 18 kg |
| Closed Drum | 215 kg |