

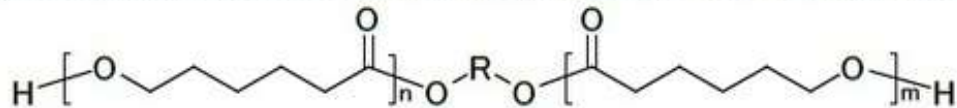
PLACCEL 210

Polycaprolactone diol

<Description>

PLACCEL 210 is general-purpose type polycaprolactone diol and its molecular weight is 1000. Since it is manufactured by the ring-opening-polymerization reaction of the diol with epsilon-caprolactone, control of hydroxyl group value is exact and there is no variation in quality.

PLACCEL 210 can be used as modifying agents, such as polyurethane, paint resin, and epoxy resin. Especially, the polyurethane of PLACCEL 210 bases is excellent in durability, hydrolysis resistance, oil resistance, heat resistance and low-temperature characteristics, and it can be used for many fields, such as an elastomer, foam, spandex, adhesives, and artificial suede.



<Composition / Information on ingredients>

Composition of Polycaprolactone Diol, Polycaprolactone

Component Name & Content Name	Composition & % (Typical)	Unit (%)
Polycaprolactone diol	78.0%	27.00%
Diisocyanate	17.0%	57.00%

Residual isocyanate (NCO) content after contribution to the formulation: No information available

Global Regulations

RoHS	REACH	SVHC	Phthalates	MS	MSL	MSR	MSL	MSR	MSL	MSR
✓	✓		✓	✓	✓	✓		✓		

RoHS: Complies with RoHS regulation

Typical properties

Temp.	Modulus (MPa)	Elongation (%)	Tensile strength (MPa)			Elongation at break (%)	
			100%	200%	300%	100%	200%
25	100	500	10	100	100	100	100

It should be noted that typical property values shown in the technical data sheet are representative values and are not guaranteed values. Please contact us to obtain detail of product and guaranteed values.

Please refer to our MSDS (safety data sheet) for information on the handling of each product.

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PLACCEL 210 (1000)
PLACCEL 210 (2000)
PLACCEL 210 (3000)