

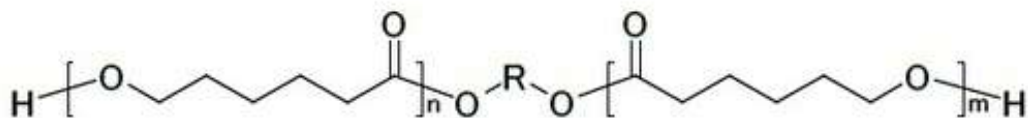
PLACCEL 205H

Polycaprolactone diol

<Description>

PLACCEL 205H is polycaprolactone diol and its molecular weight is 530. Since it is manufactured by ring-opening polymerization of epsilon-caprolactone, control of hydroxyl group value is exact. In addition, there is no variation in quality.

PLACCEL 205H can be used as modifying agent for polyurethane, paint resin, and epoxy resin. Especially, polyurethane made from PLACCEL 205H has high capacity for heat resistance, cold resistance, oil resistance, and abrasion resistance.



<Composition / Information on ingredients>

Composition of Substances in Weight Percentage

Chemical Name of Substances	Composition of % Weight	Unit (%)
Polycaprolactone diol	100%	100%

Global Regulation

RoHS	REACH	SVHC	Phthalates	PAHs	Hexachlorocyclopentadiene	Hexachlorobenzene	Polycyclic aromatic hydrocarbons	Organotin compounds	Organolead compounds
✓	✓		✓	✓	✓			✓	

✓: Complies with the regulation. □: Does not comply with the regulation.

Typical properties

Item	Unit	PLACCEL 205H		PLACCEL 205H (Mn: 530)		PLACCEL 205H (Mn: 1060)	
		Value	Range	Value	Range	Value	Range
Molecular weight (Mn)	g/mol	530	500-560	530	500-560	530	500-560
Hydroxyl value	mg KOH/g	1000	900-1100	1000	900-1100	1000	900-1100
Acid value	mg KOH/g	0	0	0	0	0	0
Carboxylic acid value	mg KOH/g	0	0	0	0	0	0
Carboxylic acid equivalent weight	g/mol	0	0	0	0	0	0

It should be noted that typical property values shown in this product 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 SDS (safety data sheet) for information on the handling of each product.

DAICEL CORPORATION

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PLACCEL 205H (Mn: 530)
PLACCEL 205H (Mn: 1060)
PLACCEL 205H (Mn: 2120)