

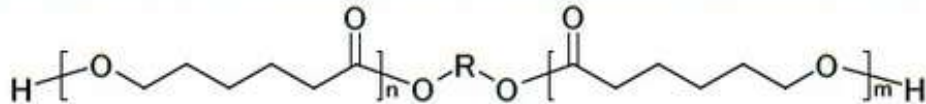
# PLACCEL 212

## Polycaprolactone diol

### <Description>

PLACCEL 212 is general purpose type polycaprolactone diol and its molecular weight is 1250. Polycaprolactone diols have better properties of UV resistance and heat resistance than polyether diols. In addition, they also have better property of hydrolysis resistance than adipate based polyester diols.

PLACCEL 212 can be used as modifying agents, such as polyurethane, paint resin, and epoxy resin. Especially, polyurethane made from PLACCEL 212 shows excellent properties in durability, hydrolysis resistance, oil resistance, heat resistance and low temperature characteristics and can be used for many fields, such as an elastomer, foam, spandex, adhesives, and artificial suede.



### <Composition / Information on ingredients>

Composition of Polycaprolactone diol (PLACCEL 212)

Component Name & Chemical Name	Composition & % Weight	Unit (g)
Polycaprolactone diol	78.0%	27.000 g
Diisocyanate	22.0%	7.500 g

### Global Regulation

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

(\*) Not applicable to the product.

### Typical properties

Item	Unit	Value	Temperature (°C)					Value
			25	50	75	100	125	
Modulus	MPa	100	100	100	100	100	100	
Elongation	%	100	100	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 actual product and guaranteed values.

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

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