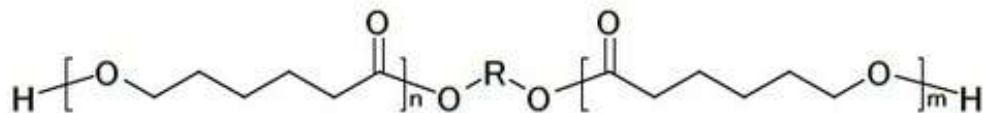


PLACCEL 220CPB

Polycaprolactone diol with improved hydrolytic stability

<Description>

PLACCEL 220CPB is a polycaprolactone diol and its molecular weight is 2000. Since it is manufactured by the ring opening polymerization of epsilon-caprolactone, exact control of hydroxyl group value is possible. The recommended applications of the polyurethane made from PLACCEL 220CPB are elastomer, synthetic/artificial leather, adhesive, binder and spandex. Polyurethane elastomers made from PLACCEL 220CPB has good property of compression set resistance because of its narrow molecule weight distribution. PLACCEL 220CPB can improve hydrolytic stability and elastic recovery by its low acid value and chemical structure.



<Composition / Information on ingredients>

Chemical Name & CAS No.	Composition & % (Weight)	USE (%)
Polycaprolactone diol	100%	100%

Global Regulations

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

100% polycaprolactone diol (molecular weight: 2000)

Typical properties

Item	Unit	Value	Reference	20°C (68°F)			
				Modulus (MPa)	Elongation (%)	Tensile Strength (MPa)	Elongation at Break (%)
PLACCEL 220CPB	MPa	10	10	10	10	10	10

It should be noted that typical property values shown in this 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 SDS (Safety Data Sheet) for information on the handling of each product.

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