



Product description	SL7280 is a two-component liquid silicone rubber for general purpose. (Mixing ratio -A : B = 1 : 1(by weight))
Applications	General purpose
Key performance properties	Suitable for LIMS(Liquid Injection Molding System) because of the similar viscosity of A part and B part No by-products because of addition curing LSR Excellent transparency and physical properties after curing

Typical Property Data

Benefits	-Long pot-life -Rapid curing rate -Excellent release							
Typical properties	Properties			Properties	Unit	Press 1st cure 2)	Oven 2nd cure 3)	
	Before curing	Appearance	PTA	ASTM E 1767	-	Translucent	Translucent	
			PTB			Translucent	Translucent	
		Viscosity 1)	PTA	ASTM D 4287	Pa.s	350	-	
			PTB			350	-	
		Mixing ratio(by weight)					1:1	
	After curing	Pot life(25℃, Day)					3	
		Appearance			ASTM E 1767	-	Translucent	
		Curing time(110℃, T60)			ASTM D 5289	sec	220	
		Specific gravity(at 25℃)			ASTM D792	-	1.13	
		Hardness			ASTM D 2240	Shore A	75	78
		Tensile strength			DIN 53504	MPa	5.5	5.0
		Elongation			DIN 53504	%	140	100
		Tear strength			ASTM D 624	N/mm	20	15
		Compression set 4)			ASTM D 395	%	35	
		Linear shrinkage			JIS K 6249	%	2.5	
	1) Shear Rate 10 s-1 2) Sheet curing conditions : press cure at 170℃/10 min 3) Sheet curing conditions : press cure at 170℃/10 min, then post cure at 200℃/4 hrs 4) 22 hrs at 177℃ after 4hrs post cure at 200℃ Caution) Typical property data values should not be used as specifications							
	Composition	- Silicone polymer - Silica						
	How to use	For making a suitable product, Mix components A and B in the ratio 1 : 1(by weight)						
	Features	- High temperature vulcanizingand addition curing LSR						

Storage and packaging

Shelf life and storage	Use it within 12 months from the day of manufacture. Store in a cool dry place out of direct sunlight. Keep out of the reach of the children.
Packaging	PART A : 20 kg Straight PE Pail, 200 kg Straight Drum PART B : 20 kg Straight PE Pail, 200 kg Straight Drum
Remarks	
Handling	Wear eye protection and protective glove when handling this product.
Precautions	May cause a curing difficulty with amine, sulfur, organicphosphate compound, and organicmetallic compound.
Warranty information	Please read carefully The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KCC's products are safe, effective, and fully satisfactory for the intended end use. KCC's sole warranty is that the product will meet the KCC sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to replacement of any product shown to be other than as warranted. KCC specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KCC provides you with a specific, duly signed endorsement of fitness for use, KCC disclaims liability for any incidental or consequentialdamages. Suggestions of use shall not be taken as inducements to infringe any patent.
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※ Please refer to MSDS if you want to know more specific usage or caution.
for further information, please see our website, www.kccworld.co.kr

