

Modified Silicone

제품명	외관	대표특성				구조식
		점도(25°C) mm ² /L (cSt)	비중	굴절율	비고	
Modified Silicone						
BY16-817	무색투명	4000 (4000)	0.97	1.403		$\begin{array}{c} \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \\ \quad \quad \\ \text{HO-Si-O}(\text{SiO})_n\text{-Si-OH} \\ \quad \quad \\ \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \end{array}$
BY16-873		2500 (2500)	0.97	1.403		
PRX 413		90 (90)	0.97	1.403		
Phenyl Fluid						
DC 510	투명	100 (100)	0.99	1.425		$\begin{array}{c} \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \\ \quad \quad \quad \\ \text{CH}_3\text{Si-O}(\text{SiO})_x\text{(Si-O)}_y\text{SiCH}_3 \\ \quad \quad \quad \\ \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \end{array}$
DC 510		500 (500)	0.99	1.425		
DC 550		125 (125)	1.07	1.496		
DC 710		500 (500)	1.11	1.533		
Hydrogen Fluid						
SH 1107	무색투명	20 (20)	1	1.396		$\begin{array}{c} \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \\ \quad \quad \\ \text{CH}_3\text{Si-O}(\text{SiO})_n\text{-SiCH}_3 \\ \quad \quad \\ \text{CH}_3 \quad \text{H} \quad \text{CH}_3 \end{array}$
Alkyl Aryl Fluid						
SH 203	담황색투명	1200 (1200)	0.91	1.464		$\begin{array}{c} \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \\ \quad \quad \quad \\ \text{CH}_3\text{SiO}(\text{SiO})_x(\text{SiO})_y\text{SiCH}_3 \\ \quad \quad \quad \\ \text{CH}_3 \quad \text{R} \quad \text{R} \quad \text{CH}_3 \end{array}$
SH 230		1400 (1400)	1.01	1.462		
SF 8416	담황색투명	900 (900)	0.88	1.454		$\begin{array}{c} \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \\ \quad \quad \\ \text{CH}_3\text{Si-O}(\text{SiO})_n\text{-SiCH}_3 \\ \quad \quad \\ \text{CH}_3 \quad \text{R} \quad \text{CH}_3 \end{array}$
BY16-846	담황색투명	20 (20)	0.92	1.42		$\begin{array}{c} \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \\ \quad \quad \quad \\ \text{CH}_3\text{SiO}(\text{SiO})_x(\text{SiO})_y\text{SiCH}_3 \\ \quad \quad \quad \\ \text{CH}_3 \quad \text{R} \quad \text{CH}_3 \quad \text{CH}_3 \end{array}$
Fluoro Fluid						
FS 1265	무색투명	300 (300)	1.25	1.38		$\begin{array}{c} \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \\ \quad \quad \\ \text{CH}_3\text{SiO}(\text{SiO})_n\text{-Si-CH}_3 \\ \quad \quad \\ \text{CH}_3 \quad (\text{CH}_2)_z \quad \text{CH}_3 \\ \\ \text{CF}_3 \end{array}$
		1000 (1000)	1.28	1.381		
		10000 (10000)	1.3	1.382		
EO/PO Fluid						
SF 8427	담황색투명	320 (320)	1.04	1.439	(OH당량) 1200	$\begin{array}{c} \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \\ \quad \quad \\ \text{POA-R-SiO}(\text{SiO})_n\text{-Si-R-POA} \\ \quad \quad \\ \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \end{array}$
BY16-004		200 (200)	1.98	1.439	4000	
SF 8428	담황색투명	130 (130)	0.98	1.411	(OH당량) 1600	$\begin{array}{c} \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \\ \quad \quad \quad \\ \text{CH}_3\text{SiO}(\text{SiO})_x(\text{SiO})_y\text{SiCH}_3 \\ \quad \quad \quad \\ \text{CH}_3 \quad \text{CH}_3 \quad \text{R} \quad \text{CH}_3 \\ \\ \text{POA} \end{array}$
SH 3771		320 (320)	1.07	1.452	800	
SH 3746		120 (120)	1.08	1.45	-	
BY16-036		630 (630)	1.04	1.435	1400	
BY16-027		990 (990)	1.03	1.426	1800	
SH 3749	초색투명	1300 (1300)	1.04	1.449		$\begin{array}{c} \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \\ \quad \quad \quad \\ \text{CH}_3\text{SiO}(\text{SiO})_x(\text{SiO})_y\text{SiCH}_3 \\ \quad \quad \quad \\ \text{CH}_3 \quad \text{CH}_3 \quad \text{R} \quad \text{CH}_3 \\ \\ \text{POA} \end{array}$
SH 3748		1900 (1900)	1.03	1.443		
SH 8400		300 (300)	1.03	1.432		
SH 8410		2900 (2900)	1.04	1.444		
Hydroxy Fluid						
BY16-848	담황색투명	55 (55)	0.96	1.411	(OH당량) 650	$\begin{array}{c} \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \\ \quad \quad \\ \text{HOR-SiO}(\text{SiO})_x\text{-Si-R-OH} \\ \quad \quad \\ \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \end{array}$
DC4-2737		-	-	-	-	
Q1-3563		-	-	-	-	

Amino Fluid						
SF 8417	담황색투명	1200 (1200)	0.98	1.408	(당량) 1800	$\begin{array}{cccc} \text{CH}_3 & \text{CH}_3 & \text{CH}_3 & \text{CH}_3 \\ & & & \\ \text{CH}_3\text{SiO}(\text{SiO})_x(\text{SiO})_y\text{Si} & \text{CH}_3 & & \\ & & & \\ \text{CH}_3 & \text{CH}_3 & \text{R} & \text{CH}_3 \\ & & & \\ \text{NH} & & & \\ & & & \\ \text{R} & & & \\ & & & \\ \text{NH}_2 & & & \end{array}$
BY16-828	담초색투명	120 (120)	0.96	1.407	1800	
BY16-828		1300 (1300)	0.99	1.414	600	
BY16-828		1100 (1100)	0.97	1.405	4000	
BY16-828		20000 (20000)	0.98	1.408	1800	
BY16-828	담황색투명	25 (25)	0.96	1.412	(당량) 650	$\begin{array}{ccc} \text{CH}_3 & \text{CH}_3 & \\ & & \\ \text{H}_2\text{NR}(\text{SiO})_n\text{Si} & \text{RNH}_2 & \\ & & \\ \text{CH}_3 & \text{CH}_3 & \end{array}$
BY16-828	무색투명	100 (100)	0.97	1.406	2200	
Epoxy Fluid						
SF 8411	담황색투명	8000 (8000)	0.98	1.407	(당량) 650	$\begin{array}{ccc} \text{CH}_3 & \text{CH}_3 & \\ & & \\ (\text{CH}_3)_3\text{SiO}(\text{SiO})_x(\text{SiO})_y\text{Si} & (\text{CH}_3)_3 & \\ & & \\ \text{CH}_3 & \text{ROCH}_2\text{CH} & \text{CH}_2 \\ & \diagdown & / \\ & \text{O} & \end{array}$
SF 8413		180000 (180000)	0.98	1.407	2200	
BY16-855	담황색투명	20 (20)	0.98	1.418	(당량) 650	$\begin{array}{ccc} \text{CH}_3 & \text{CH}_3 & \\ & & \\ \text{CH}_2-\text{CH} & \text{CH}_2\text{OR} & (\text{SiO})_n\text{Si} & \text{ROCH}_2\text{CH} & \text{CH}_2 \\ & & & & \\ \text{O} & \text{CH}_3 & & \text{CH}_2 & \text{O} \end{array}$
BY16-855B		100 (100)	0.98	1.408	2200	
BY16-839	담황색투명	6000 (6000)	0.98	1.407	(당량) 650	$\begin{array}{ccc} \text{CH}_3 & \text{CH}_3 & \\ & & \\ \text{CH}_2-\text{CH} & \text{CH}_2\text{OR} & (\text{SiO})_n\text{Si} & \text{ROCH}_2\text{CH} & \text{CH}_2 \\ & & & & \\ \text{O} & \text{CH}_3 & & \text{CH}_2 & \text{O} \end{array}$
Epoxy & Polyether						
SF 8421EG	담황색투명	3500 (3500)	10.3	1.441	(1.5%)	$\begin{array}{ccc} \text{CH}_3 & \text{CH}_3 & \text{CH}_3 \\ & & \\ (\text{CH}_3)_3\text{SiO}(\text{SiO})_x(\text{SiO})_y(\text{SiO})_z\text{Si} & (\text{CH}_3)_3 & \\ & & \\ \text{CH}_3 & \text{R} & \text{POA} \\ & & \\ \text{O} & & \\ & & \\ \text{CH}_2\text{CH} & \text{CH}_2 & \end{array}$
BY16-845		150 (150)	1.06	1.451	(2.0%)	
Phenol Fluid						
BY16-752		110 (110)	0.99	1.42	(OH당량) 1500	$\begin{array}{ccc} \text{CH}_3 & \text{CH}_3 & \\ & & \\ \text{HO} \oplus \text{R}(\text{SiO})_x\text{Si} & \oplus \text{R} & \text{OH} \\ & & \\ \text{CH}_3 & \text{CH}_3 & \end{array}$
BY16-150B		280 (280)	0.98	1.41	-	
BY16-150C		1300 (1300)	0.98	1.407	-	
Carboxyl						
SF 8418	황초색투명	2500 (2500)	0.98	1.406	(당량) 3500	$\begin{array}{ccc} \text{CH}_3 & \text{CH}_3 & \text{CH}_3 & \text{CH}_3 \\ & & & \\ \text{CH}_3\text{SiO}(\text{SiO})_x(\text{SiO})_y\text{Si} & \text{CH}_3 & & \\ & & & \\ \text{CH}_3 & \text{CH}_3 & \text{R} & \text{CH}_3 \\ & & & \\ & & \text{COOH} & \end{array}$
BY16-880		2500 (2500)	0.98	1.407	3500	
BY16-750	황초색투명	125 (125)	0.98	1.421	700	$\begin{array}{ccc} \text{CH}_3 & \text{CH}_3 & \\ & & \\ \text{HOOC-R} & (\text{SiO})_n\text{Si} & \text{R} & \text{COOH} \\ & & & \\ \text{CH}_3 & \text{CH}_3 & & \end{array}$
Mercapto Fluid						
BY16-838	무색투명	300 (300)	0.97	1.405	33000	$\begin{array}{ccc} \text{CH}_3 & \text{CH}_3 & \text{CH}_3 & \text{CH}_3 \\ & & & \\ \text{CH}_3\text{SiO}(\text{SiO})_x(\text{SiO})_y\text{Si} & \text{CH}_3 & & \\ & & & \\ \text{CH}_3 & \text{CH}_3 & \text{R} & \text{CH}_3 \\ & & & \\ & & \text{SH} & \end{array}$