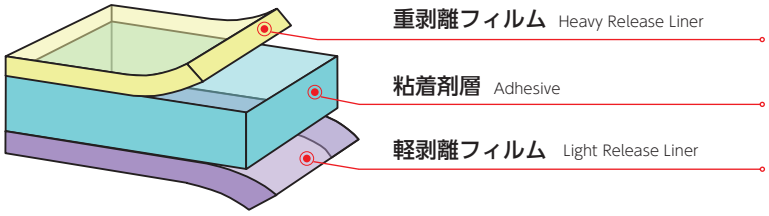
5G/6G 通信向け 光学透明粘着シート

開発品

OCA For High Frequency Communication (Under Development)

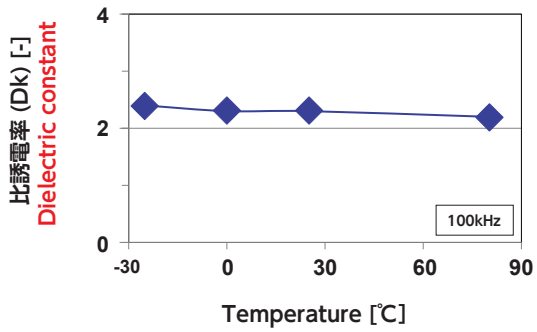


HSC56xSeries

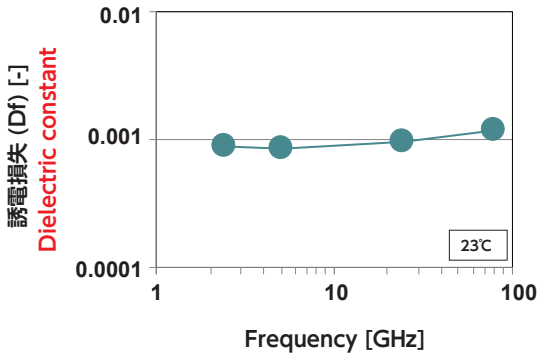
【特 徴 Feature】

- **高速通信向けに低比誘電率 (Dk)・低誘電損失 (Df) を達成　Dk: 2.3　Df：0.001@80GHz**
  Ideal low dielectric constant (Dk) and low dielectric loss (Df) for high frequency communication
- **部材を強固に貼合 (加工性を重視した UV 照射タイプも有)**
  Strong adhesive power (UV cure type is also available for easy processing)
- **高い透明性：光学用途に最適**
  High transparency: Ideal for optical applications

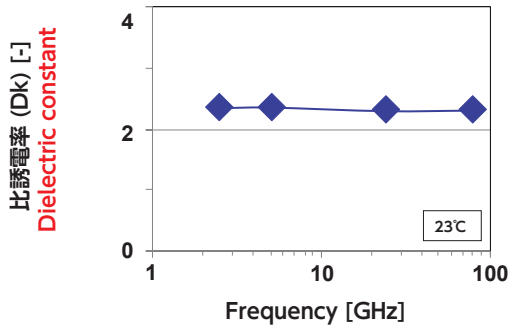
幅広い温度帯で安定した比誘電率
Low temperature dependence



高周波数帯でも低誘電損失を維持
Low Df over wide frequency



高周波数帯まで比誘電率の変化なし
Low frequency dependence



新タック化成株式会社　New Tac Kasei Co.,Ltd.
〒104-0061　東京都中央区銀座 5-12-8　機能製品営業部 TEL.03-5550-3020 (代)
http://www.tack.co.jp

Performance Characteristics

ITEM		[unit]	HSC563	
Thickness	Heavy Release Liner	[μm]	100	*1
	Adhesive		75	
	Light Release Liner		75	
Dk / Df	5GHz		2.3 / 0.0009	*2
	24GHz		2.3 / 0.0011	*3
	80GHz		2.3 / 0.0012	
180°Peel adhesion After 24hrs	Glass	[N/25mm]	50	*4
	Copper		48	
	PTFE		16	
Optical characteristics (Including Glass)	Transmittance	[%]	91.9	*5
	Haze	[%]	0.2	*6
	L*		96.8	*7
	a*		-0.04	
	b*		0.24	

※＜Technical Data＞ The test data is measurements and not a guaranteed value.
*1:JIS Z0237,*2:Cylindrical cavity resonance Method,*3:Split cylinder resonance Method,
*4:JIS Z0237,*5:JIS K7361-1,*6:JIS K7136,*7:JIS Z8729

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